

Government of West Bengal
Urban Development and Municipal Affairs Department
NAGARAYAN, DF-8, Sector-I
Salt Lake, Kolkata-700 064.

Memo No.1916- UD/O/M/ESTP-11/2020

Date : 14.06.2020

From : Shri Joly Chaudhuri, WBCS (Exe.),
Joint Secretary,
Urban Development & Municipal Affairs Department,
Govt. of West Bengal.

To : The Commissioner,
Environment Department.

Sub : Report in connection with scientific disposal of Bio-Medical Waste
arising out of Covid-19.

Sir,

I am to enclose herewith a detail report in connection with O.A. No.72/2020 read with O.A. No.30/2020 related to the scientific disposal of Bio-Medical Waste arising out of Covid-19 and compliance of Bio-Medical Waste Management Rules 2016. The report is updated upto 8th June, 2020.

This is for kind information & action.

Encl : as stated.

Yours faithfully,

Joly Chaudhuri
14.06.2020

Joint Secretary

Memo No.1916- 1(7)-UD/O/M/ESTP-11/2020

Date : 14.06.2020

Copy forwarded for kind information to:

1. Member Secretary, West Bengal Pollution Control Board.
2. Director, SUDA.
3. Chief Engineer, WBPCB.
4. Dr. Sukdeb Das, Senior Law Officer, UD & MA Department.
5. PS to Hon'ble MIC, UD & MA Department.
6. PS to Principal Secretary, Environment Department.
7. PS to Principal Secretary, UD & MA Department.

Joly Chaudhuri
14.06.2020
Joint Secretary

Report in connection with O.A. No. 72/2020 report read with O.A. No.
30/2020/EZ

The National Green Tribunal passed an order on 21st April, 2020 in connection with Scientific Disposal of Bio Medical Waste arising out of Covid-19 Treatment and compliance of Bio Medical Waste Management Rules 2016. The Central Pollution Control Board (CPCB) also issued for Handling Treatment and Disposal of waste generated during treatment / diagnosis / quarantine of Covid-19 Patients.

The matter was discussed in two separate meetings chaired by Principal Secretary, Environment Department on 30th April, 2020. Officers of the Health & Family Welfare Department, UD & MA Department and Environment Department were also present. The roles and responsibilities of different departments in for Handling Treatment and Disposal of waste generated during treatment / diagnosis / quarantine of Covid-19 Patients were delineated.

While the waste generated from the COVID Hospitals, Isolation facilities and Quarantine Centers will continue to manage by the Health & Family Welfare Department, the waste generated from the Quarantine Households will be handled and disposed by the UD & MA Department through the Urban Local Bodies.

Action Taken :

1. It was initially decided to start collection and disposal of Covid Waste from the Quarantine Households of seven Municipal Corporation areas.
2. a. In this connection a coordination meeting was held at SUDA on 4th of May, 2020. Principal Secretary, UD & MA Department chaired the meeting. Officers from the West Bengal Pollution Control Board, UD & MA Department and Commissioners / or their Representatives of KMC, HMC, BMC, Chandernagore Municipal Corporation, Asansol Municipal Corporation, Durgapur Municipal Corporation and Siliguri Municipal Corporation.

b. VC with all ULBs held on 5th May, 6th May and 7th May, 2020
3. The two existing authorized agencies of the Health & Family Welfare Department for collection of Bio Medical Waste namely GreenTech Environ Management Pvt. Ltd and Medicare Environmental Management Pvt. Ltd. Have been assigned to collect the Bio Medical Waste of the Quarantine Households from identified hospitals in the seven Municipal Corporation areas. A negotiated cost for per trip has been agreed with both the agencies and approved by the UD & MA Department.

L

4. All Personal Protective Equipment (PPE) including Hand Sanitizers has been provided to the staff engaged by the two authorized agencies for collection of the Bio Medical Waste from the common collection site of the identified health facilities have been provided by SUDA centrally.
5. The Bio Medical Waste to be collected from the Quarantine Households and deposited at the common collection sites of the identified hospitals by the conservancy staff / any other category staff as decided by the Municipal Corporations.
6. The Bio Medical Waste to be collected in yellow bags as per the norms of Bio Medical Waste Management have been procured centrally by SUDA and delivered to the ULBs. Initially 1 lakh yellow bags have been procured and delivered as per following distribution :-

Sl. No.	Municipal Corporation	Quantity to be delivered
(1)	Kolkata MC	32,000
(2)	Asansol MC	10,000
(3)	Bidhannagar MC	20,000
(4)	Howrah MC	20,000
(5)	Chandernagore MC	5,000
(6)	Durgapur MC	5,000
(7)	Siliguri MC	5,000
(8)	SUDA Office	3,000

Further yellow bags will be delivered as per requisition.

7. A coordination meeting between representatives of the seven Municipal Corporations, Superintendent / Assistant Superintendent of identified health facilities (Points of collection for the Bio Medical Waste) and the concerned agencies assigned to lift the Bio Medical Waste for treatment was held as per the detail below.

Sl. No.	Municipal Corporation	Coordination Meeting Date
(1)	Kolkata MC	Specifics of meeting will be intimated in due course
(2)	Asansol MC	24.04.2020
(3)	Bidhannagar MC	27.05.2020
(4)	Howrah MC	28.05.2020
(5)	Chandernagore MC	27.05.2020
(6)	Durgapur MC	03.06.2020
(7)	Siliguri MC	Specifics of meeting will be intimated in due course

The Minutes of the Meeting are annexed.

8. The Minutes of the seven separate meeting are kept on record.
9. The collection of Bio Medical Waste is being monitored by SUDA on behalf of the UD & MA Department.
10. 30th April – VC with CPCB regarding Covid-19 waste followed by discussion with Principal Secretary, Environment and Member Secretary, WBPCB regarding Action Points.
11. The Corporations have been asked to submit compliance report immediately. In all Municipal Corporations process of collection of bio medical wastes (Covid-19) have started.
12. For rest of ULBs instruction has been sent already for compliance and phase wise video conference have been held on 5th May, 6th May and 7th May, 2020
13. All correspondence / supply orders etc. issued are annexed for kind perusal.

Further updated may be reported.

8.6.2020.



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-11011(16)/1/2020/10629

03.06.2020

ক্রমিক নং

From : Shri Santanu Mukherjee, WBCS(Exe.),
Director, SUDA

তারিখ

To : (1) Commissioner, Kolkata MC.
(2) Commissioner, Asansol MC/ Bidhannagar MC/ Howrah MC/
Chandernagore MC/ Durgapur MC/ Siliguri MC.

Sub : Collection of Bio-Medical Waste from the households quarantined
at the 7 (seven) Municipal Corporations area.

Sir,

Appropos the captioned subject, as you are aware in terms of the order issued by the National Green Tribunal vide no.OA/72/2020 dated 21.04.2020 and the directives of the Central Pollution Control Board vide no.B-31011/BMW(94)/2020 dated 19.04.2020, the Urban Development & Municipal Affairs Department is entrusted to collect the Bio-Medical Waste generated from the households that are quarantined. The Bio-Medical Waste of the Covid hospitals of the quarantined centres are being taken care of by the Health & Family Welfare Department.

- (1) After detail discussions, it has been decided to initiate the collection of Bio-Medical Waste from quarantined households at the 7 (seven) Municipal Corporations of Kolkata MC, Asansol MC, Bidhannagar MC, Howrah MC, Chandernagore MC, Durgapur MC & Siliguri MC will be the responsibility of the UD & MA Department.
- (2) Yellow bags have been procured centrally by SUDA and will be delivered to the ULBs within 19.05.2020 (copy of the work order annexed) for the quarantined households to collect the Bio-Medical Waste.
- (3) An IEC to be done by the ULBs on the different types of Bio-Medical Waste to be collected in the yellow bags. A specimen leaflet is annexed. The leaflet to be printed at the local level and distributed at the quarantined houses.
- (4) The households will keep the Bio-Medical Waste in yellow bags and conservancy staff of the ULB will collect the bag twice every week on Tuesday & Friday from the quarantined residents.
- (5) It has been further decided that the yellow bags collected from the quarantined residents will be deposited at the Common Collection Site of the nearest Medical College/ District Hospital/ Sub-Divisional Hospital. The Corporation-wise list of Hospitals as collection points are annexed. The Health & Family Welfare Department will communicate the arrangement to the concerned MSVP / Superintendent of the Hospital (list of the assigned facilities attached).
- (6) The filled up yellow bags will be collected by the same agency authorised to collect Bio-Medical Waste from the facility by the Health & Family Welfare Department. The Municipal Corporation wise facilities from where the Bio-Medical Waste to be collected is annexed. The contact details of the Nodal Officers are also mentioned in the Annexure.

দূরভাষ : ২৩৫৮ ৬৪০৩ / ৫৭৬৭, ফ্যাক্স : ২৩৫৮ ৫৮০০

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

Account Section : 2358 6408

- (7) Municipal Corporation will make necessary arrangement for weightment of the Bio-Medical Waste and the trips undertaken by the Agency in consultation with the attached Hospital.
- (8) Payment will be made directly to the agency from SUDA on submission of certified bills by the Municipal Corporations.
Copy of the engagement order issued to the 2 (two) agencies are annexed.

All concerned may be briefed accordingly.

Encl : As stated

Yours faithfully,

3.6.2020
Director, SUDA

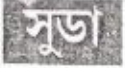
SUDA-11011(16)/1/2020/10629/1(10)

03.06.2020

Copy forwarded for kind information to :

- (1) Mayor, Bidhannagar MC/ Durgapur MC/ Asansol MC.
- (2) Director, Health Services, Health & Family Welfare Department, Govt. of West Bengal.
- (3) Shri Subhra Chakraborty, Additional Secretary, Health & Family Welfare Department, Govt. of West Bengal.
- (4) Smt. Nandini Ghosh, Joint Secretary, UD & MA Department.
- (5) MSVP, R.G.Kar MCH / ID&BG Hospital.
- (6) CMOH, Howrah / North 24 Parganas / Hooghly / Paschim Burdwan / Darjeeling.
- (7) Superintendent, M.R.Bangur Hospital/ Asansol DH/ Durgapur SDH/ Chandernagore SDH/ Howrah DH/ Salt Lake SDH.
- (8) PS to Hon'ble MIC, UD & MA Department, Govt. of West Bengal.
- (9) PS to Principal Secretary, UD & MA Department, Govt. of West Bengal.
- (10) PS to Secretary, Health & Family Welfare Department, Govt. of West Bengal.

3.6.2020
Director, SUDA



রাজ্য নগর উন্নয়ন সংস্থা



STATE URBAN DEVELOPMENT AGENCY

“ইলগাস ভবন”, এইচ-সি ব্লক, সেক্টর-৩, বিধাননগর, কলকাতা-৭০০ ১০৬, পশ্চিমবঙ্গ

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

SUDA-11011(16)/1/2020/10628

03.06.2020

ক্রমিক নং

From : Shri Santanu Mukherjee, WBCS(Exe.),
Director, SUDA

তারিখ

To : Additional Secretary,
Health & Family Welfare Department, West Bengal.

Sub : Collection of Bio-Medical Waste from the households quarantined
at the 7 (seven) Municipal Corporations area.

Sir,

Apropos the captioned subject, as you are aware in terms of the order issued by the National Green Tribunal vide no.OA/72/2020 dated 21.04.2020 and the directives of the Central Pollution Control Board vide no.B-31011/BMW(94)/2020 dated 19.04.2020, the Urban Development & Municipal Affairs Department is entrusted to collect the Bio-Medical Waste generated from the households that are quarantined. The Bio-Medical Waste of the Covid hospitals of the quarantined centres are being taken care of by the Health & Family Welfare Department.

After detail discussions, it has been decided to initiate the collection of Bio-Medical Waste from quarantined households at the 7 (seven) Municipal Corporations of Kolkata MC, Asansol MC, Bidhannagar MC, Howrah MC, Chandernagore MC, Durgapur MC & Siliguri MC. Yellow bags have been procured centrally by SUDA and will be delivered to the ULBs within 19.05.2020. The households will keep the Bio-Medical Waste in yellow bags and conservancy staff of the ULB with necessary protection will collect the bags twice every week on Tuesday and Friday from the quarantined residents.

It has been further decided that the yellow bags collected from the quarantined residents will be deposited at the Common Collection Site of the nearest Medical College/ District Hospital/ Sub-Divisional Hospital. The Corporation-wise list of Hospitals as collection points are annexed. The Health & Family Welfare Department may communicate the arrangement to the concerned MSVP / Superintendent of the Hospital to extend necessary cooperation.

The filled up yellow bags will be collected by the same agency authorised to collect Bio-Medical Waste from the facility by the Health & Family Welfare Department. The weightment of the Bio-Medical Waste collected and trips undertaken by the agencies will be recorded by the Municipal Corporations in coordination with the local Hospitals. Payment will be made directly to the agency from SUDA on submission of certified bills by the Municipal Corporations. Copy of the engagement order issued to the 2 (two) agencies are annexed.

This is for kind information & necessary action.

Encl : As stated

Yours faithfully,

3.6.2020

Director, SUDA

দুরভাষ : ২৩৫৮ ৬৪০৩ / ৫৭৬৭, ফ্যাক্স : ২৩৫৮ ৫৮০০

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

Account Section : 2358 6408

Copy forwarded for kind information to :

- (1) Commissioner, Kolkata MC.
- (2) Commissioner, Bidhannagar/ Howrah/ Chandernagore/ Asansol/ Durgapur/ Siliguri Municipal Corporation.
- (3) Director, Health Services, Health & Family Welfare Department, Govt. of West Bengal.
- (4) Smt. Nandini Ghosh, Joint Secretary, UD & MA Department.
- (5) MSVP, R.G.Kar MCH / ID&BG Hospital.
- (6) CMOH, Howrah / North 24 Parganas / Hooghly / Paschim Burdwan / Darjeeling.
- (7) Superintendent, M.R.Bangur Hospital/ Asansol DH/ Durgapur SDH/ Chandernagore SDH/ Howrah DH/ Salt Lake SDH.
- (8) PS to Hon'ble MIC, UD & MA Department, Govt. of West Bengal.
- (9) PS to Principal Secretary, UD & MA Department, Govt. of West Bengal.
- (10) PS to Secretary, Health & Family Welfare Department, Govt. of West Bengal.

6-1 3.6.2020
Director, SUDA



রাজ্য নগর উন্নয়ন সংস্থা



STATE URBAN DEVELOPMENT AGENCY

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

ক্রমিক নং SUDA-11011(16)/1/2020/10542

তারিখ 18.05.2020

From : Shri Santanu Mukherjee, WBCS(Exe.),
Director, SUDA

To : (1) Commissioner, Kolkata MC.
(2) Commissioner, Asansol MC/ Bidhannagar MC/ Howrah MC/
Chandernagore MC/ Durgapur MC/ Siliguri MC.

Sub : Collection of Bio-Medical Waste from the households quarantined
at the 7 (seven) Municipal Corporations area.

Sir,

Apropos the captioned subject, as you are aware in terms of the order issued by the National Green Tribunal vide no.OA/72/2020 dated 21.04.2020 and the directives of the Central Pollution Control Board vide no.B-31011/BMW(94)/2020 dated 19.04.2020, the Urban Development & Municipal Affairs Department is entrusted to collect the Bio-Medical Waste generated from the households that are quarantined. The Bio-Medical Waste of the Covid hospitals of the quarantined centres are being taken care of by the Health & Family Welfare Department.

- (1) After detail discussions, it has been decided to initiate the collection of Bio-Medical Waste from quarantined households at the 7 (seven) Municipal Corporations of Kolkata MC, Asansol MC, Bidhannagar MC, Howrah MC, Chandernagore MC, Durgapur MC & Siliguri MC will be the responsibility of the UD & MA Department.
- (2) Yellow bags have been procured centrally by SUDA and will be delivered to the ULBs within 19.05.2020 (copy of the work order annexed) for the quarantined households to collect the Bio-Medical Waste.
- (3) An IEC to be done by the ULBs on the different types of Bio-Medical Waste to be collected in the yellow bags. A specimen leaflet is annexed. The leaflet to be printed at the local level and distributed at the quarantined houses.
- (4) The households will keep the Bio-Medical Waste in yellow bags and conservancy staff of the ULB will collect the bag twice every week on Tuesday & Friday from the quarantined residents.
- (5) It has been further decided that the yellow bags collected from the quarantined residents will be deposited at the Common Collection Site of the nearest Medical College/ District Hospital/ Sub-Divisional Hospital. The Corporation-wise list of Hospitals as collection points are annexed. The Health & Family Welfare Department will communicate the arrangement to the concerned MSVP / Superintendent of the Hospital (list of the assigned facilities attached).
- (6) The filled up yellow bags will be collected by the same agency authorised to collect Bio-Medical Waste from the facility by the Health & Family Welfare Department. The Municipal Corporation wise facilities from where the Bio-Medical Waste to be collected is annexed. The contact details of the Nodal Officers are also mentioned in the Annexure.

দূরভাষ : ২৩৫৮ ৬৪০৩ / ৫৭৬৭, ফ্যাক্স : ২৩৫৮ ৫৮০০

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

Account Section : 2358 6408

- (7) Municipal Corporation will make necessary arrangement for weightment of the Bio-Medical Waste and the trips undertaken by the Agency in consultation with the attached Hospital.
- (8) Payment will be made directly to the agency from SUDA on submission of certified bills by the Municipal Corporations.
Copy of the engagement order issued to the 2 (two) agencies are annexed.

All concerned may be briefed accordingly.

Encl : As stated

Yours faithfully,

18.05.2020
Director, SUDA

SUDA-11011(16)/1/2020/10542/1(10)

18.05.2020

Copy forwarded for kind information to :

- (1) Mayor, Bidhannagar MC/ Durgapur MC/ Asansol MC.
- (2) Director, Health Services, Health & Family Welfare Department, Govt. of West Bengal.
- (3) Shri Subhra Chakraborty, Additional Secretary, Health & Family Welfare Department, Govt. of West Bengal.
- (4) Smt. Nandini Ghosh, Joint Secretary, UD & MA Department.
- (5) MSVP, R.G.Kar MCH / ID&BG Hospital.
- (6) CMOH, Howrah / North 24 Parganas / Hooghly / Paschim Burdwan / Darjeeling.
- (7) Superintendent, M.R.Bangur Hospital.
- (8) PS to Hon'ble MIC, UD & MA Department, Govt. of West Bengal.
- (9) PS to Principal Secretary, UD & MA Department, Govt. of West Bengal.
- (10) PS to Secretary, Health & Family Welfare Department, Govt. of West Bengal.

18.05.2020
Director, SUDA



রাজ্য নগর উন্নয়ন সংস্থা



STATE URBAN DEVELOPMENT AGENCY

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

SUDA-11011(16)/1/2020/10541

18.05.2020

ক্রমিক নং

তারিখ

From : Shri Santanu Mukherjee, WBCS(Exec.),
Director, SUDA

To : Additional Secretary,
Health & Family Welfare Department, West Bengal.

Sub : Collection of Bio-Medical Waste from the households quarantined
at the 7 (seven) Municipal Corporations area.

Sir,

Apropos the captioned subject, as you are aware in terms of the order issued by the National Green Tribunal vide no.OA/72/2020 dated 21.04.2020 and the directives of the Central Pollution Control Board vide no.B-31011/BMW(94)/2020 dated 19.04.2020, the Urban Development & Municipal Affairs Department is entrusted to collect the Bio-Medical Waste generated from the households that are quarantined. The Bio-Medical Waste of the Covid hospitals of the quarantined centres are being taken care of by the Health & Family Welfare Department.

After detail discussions, it has been decided to initiate the collection of Bio-Medical Waste from quarantined households at the 7 (seven) Municipal Corporations of Kolkata MC, Asansol MC, Bidhannagar MC, Howrah MC, Chandernagore MC, Durgapur MC & Siliguri MC. Yellow bags have been procured centrally by SUDA and will be delivered to the ULBs within 19.05.2020. The households will keep the Bio-Medical Waste in yellow bags and conservancy staff of the ULB with necessary protection will collect the bags twice every week on Tuesday and Friday from the quarantined residents.

It has been further decided that the yellow bags collected from the quarantined residents will be deposited at the Common Collection Site of the nearest Medical College/ District Hospital/ Sub-Divisional Hospital. The Corporation-wise list of Hospitals as collection points are annexed. The Health & Family Welfare Department may communicate the arrangement to the concerned MSVP / Superintendent of the Hospital to extend necessary cooperation.

The filled up yellow bags will be collected by the same agency authorised to collect Bio-Medical Waste from the facility by the Health & Family Welfare Department. The weightment of the Bio-Medical Waste collected and trips undertaken by the agencies will be recorded by the Municipal Corporations in coordination with the local Hospitals. Payment will be made directly to the agency from SUDA on submission of certified bills by the Municipal Corporations. Copy of the engagement order issued to the 2 (two) agencies are annexed.

This is for kind information & necessary action.

Encl : As stated

Yours faithfully,

18.05.2020.
Director, SUDA

দূরভাষ : ২৩৫৮ ৬৪০৩ / ৫৭৬৭, ফ্যাক্স : ২৩৫৮ ৫৮০০

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

Account Section : 2358 6408

Copy forwarded for kind information to :

- (1) Commissioner, Kolkata MC.
- (2) Commissioner, Bidhannagar/ Howrah/ Chandernagore/ Asansol/ Durgapur/ Siliguri Municipal Corporation.
- (3) Director, Health Services, Health & Family Welfare Department, Govt. of West Bengal.
- (4) Smt. Nandini Ghosh, Joint Secretary, UD & MA Department.
- (5) MSVP, R.G.Kar MCH / ID&BG Hospital.
- (6) CMOH, Howrah / North 24 Parganas / Hooghly / Paschim Burdwan / Darjeeling.
- (7) Superintendent, M.R.Bangur Hospital.
- (8) PS to Hon'ble MIC, UD & MA Department, Govt. of West Bengal.
- (9) PS to Principal Secretary, UD & MA Department, Govt. of West Bengal.
- (10) PS to Secretary, Health & Family Welfare Department, Govt. of West Bengal.

18.05.2020
Director, SUDA



রাজ্য নগর উন্নয়ন সংস্থা



STATE URBAN DEVELOPMENT AGENCY

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

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

SUDA-11011(16)/1/2020/10540

18.05.2020

ক্রমিক নং

তারিখ

From : Shri Santanu Mukherjee, WBCS(Exc.),
Director, SUDA

To : Medicare Environmental Management Pvt. Ltd.,
41 'F' Road, Belgachia,
Howrah-711105.

Sub : Engagement order for lifting of Bio-Medical Waste in connection
with Covid-19 from designated Municipal Corporations

Sir,

Apropos the captioned subject, in compliance with the orders issued by the National green Tribunal and directives given by the Central Pollution Control Board, Bio-Medical Waste in connection with Covid-19 will have to be lifted from all quarantined households initially in the 7 (seven) Municipal Corporations of Kolkata MC, Asansol MC, Bidhannagar MC, Howrah MC, Chandernagore MC, Durgapur MC & Siliguri MC.

Your offer received vide no.Nil dated 15.05.2020 has been accepted by SUDA to lift the Bio-Medical Waste generated by the quarantined households in the Howrah MC, Chandernagore MC, Bidhannagar MC, Asansol MC, Durgapur MC & Kolkata MC area from the designated pick up point (detail annexed) as per the following commercial details.

Sl. No.	Particulars	Rate
(1)	Per trip cost for carrying Bio-Medical Waste from designated points at the Municipal Corporation (list annexed)	Rs.1300
(2)	Variable cost for treatment of the Bio-Medical Waste per Kg	Rs.50


All personal protection equipments will be provided from this office for the safety of the Driver and the Picker assigned to lift the Bio-Medical Waste from the designated points to be collected twice every week on Wednesday & Saturday (list of pickup point annexed). The per trip certification and weightment of the Bio-Medical Waste will be the responsibility of the respective Municipal Corporation.

Payment will be made after submission of bill and certification on the number of trips and weight of waste collected in each trip duly certified by the Municipal Corporation.

This engagement is valid for the period from 20.05.2020 to 30.06.2020 as per commercial terms noted above and may be extended at the sole discretion of the Department.

Encl : As stated.

Yours faithfully,



18.05.2020.
Director, SUDA

SUDA-11011(16)/1/2020/10540/1(5)

18.04.2020

Copy forwarded for kind information to :

- (1) Commissioner, Bidhannagar/ Howrah/ Chandernagore/ Asansol/ Durgapur/ Siliguri Municipal Corporation.
- (2) CMHO, Kolkata MC.
- (3) Chief Engineer, West Bengal Pollution Control Board.
- (4) PS to Hon'ble MIC, UD & MA Department, Govt. of West Bengal.
- (5) PS to Principal Secretary, UD & MA Department, Govt. of West Bengal.


18.05.2020.
Director, SUDA

দূরভাষ : ২৩৫৮ ৬৪০৩ / ৫৭৬৭, ফ্যাক্স : ২৩৫৮ ৫৮০০

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

Account Section : 2358 6408

**Detail mapping of Nodal Officers of Municipal Corporations and
contact details of Officers at pickup points**

Sl. No.	Municipal Corporation	Municipal Commissioner / Nodal Officer of the ULB	Contact No.	Assigned Agency	Pick up points	Nodal person (Name & designation)	Contact No.
1	Kolkata MC	Dr. Soumitra Ghosh, CMHO	9830061346	Medicare Environmental Management Pvt. Ltd.	R.G.Kar MCH	Prof. Manas Kumar Bandopadhyay, MSVP	9830295321
						Mr. Arkendra Mohan Sinha, Assist. Super	9064757772
2	Asansol MC	Khurshed Ali Qadri, Commissioner	9083254849	Medicare Environmental Management Pvt. Ltd.	District Hospital Asansol	Dr. Nikhil Das, Superintendent	9475379132
						Kankun Roy, Assist. Super	9832142228
3	Bidhannagar MC	Shri Monodip Mukherjee, Executive Engineer	9830276345	Medicare Environmental Management Pvt. Ltd.	Salt Lake Sub-divisional Hospital	Sr. Swati Pramanik, Superintendent	9088897309
						Mrs. Priyanganu Bhuiaya, Assist. Super	2337-3953
4	Howrah MC	Shri Tapash Bhattacharjee, Deputy Commissioner	8617309134	Medicare Environmental Management Pvt. Ltd.	Howrah District Hospital	Dr. Narayan Chattopadhyay, Superintendent	8334900993
						Shri Ashish Chakraborty, Assist. Super	9674837136
5	Chandernagore MC	Shri Swapan Kundu, Commissioner	9474867141	Medicare Environmental Management Pvt. Ltd.	Chandernagore Sub-divisional Hospital	Dr. Jagannath Mondal, Superintendent	9434430512
						Santanu Mukherjee, Assist. Super	7001478705
6	Durgapur MC	Shri Puspendu Mitra, Commissioner	6295894735	Medicare Environmental Management Pvt. Ltd.	Durgapur Sub-divisional Hospital	Dr. Debabrata Das, Superintendent	8900011006
						Dr. Soumyadeep Mondal, Assist. Super	8583804624

18.05.2020



রাজ্য নগর উন্নয়ন সংস্থা

SUDA

STATE URBAN DEVELOPMENT AGENCY

“ইলগাস ভবন”, এইচ-সি ব্লক, সেক্টর-৩, বিধাননগর, কলকাতা-৭০০ ১০৬, পশ্চিমবঙ্গ

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

ক্রমিক নং SUDA-11011(16)/1/2020/10539

তারিখ 18.05.2020

From : Shri Santanu Mukherjee, WBCS(Exc.),
Director, SUDA

To : GreenZen Bio Pvt. Ltd.,
Shop No.S-25, 2nd Floor,
PBR Tower, 2nd Mile, Sevoke Road,
Don Bosco More, Siliguri-734001.

Sub : Engagement order for lifting of Bio-Medical Waste in connection
with Covid-19 from designated Municipal Corporations

Sir,

Apropos the captioned subject, in compliance with the orders issued by the National green Tribunal and directives given by the Central Pollution Control Board, Bio-Medical Waste in connection with Covid-19 will have to be lifted from all quarantined households initially in the 7 (seven) Municipal Corporations of Kolkata MC, Asansol MC, Bidhannagar MC, Howrah MC, Chandernagore MC, Durgapur MC & Siliguri MC.

Your offer received vide no.Nil dated 16.05.2020 has been accepted by SUDA to lift the Bio-Medical Waste generated by the quarantined households in the Siliguri MC area from the designated pick up point at Siliguri DH as per the following commercial details.

Sl. No.	Particulars	Rate
(1)	Per trip cost for carrying Bio-Medical Waste from designated points at the Municipal Corporation (list annexed)	Rs.1300
(2)	Variable cost for treatment of the Bio-Medical Waste per Kg	Rs.50

All personal protection equipments will be provided from this office for the safety of the Driver and the Picker assigned to lift the Bio-Medical Waste from the designated points to be collected twice every week on Wednesday & Saturday (list of pickup point annexed). The per trip certification and weightment of the Bio-Medical Waste will be the responsibility of the respective Municipal Corporation.

Payment will be made after submission of bill and certification on the number of trips and weight of waste collected in each trip duly certified by the Municipal Corporation.

This engagement is valid for the period from 20.05.2020 to 30.06.2020 as per commercial terms noted above and may be extended at the sole discretion of the Department.

Encl : As stated.

Yours faithfully,

18.05.2020.
Director, SUDA

SUDA-11011(16)/1/2020/10539/1(5)

18.04.2020

Copy forwarded for kind information to :

- (1) Commissioner, Bidhannagar/ Howrah/ Chandernagore/ Asansol/ Durgapur/ Siliguri Municipal Corporation.
- (2) CMHO, Kolkata MC.
- (3) Chief Engineer, West Bengal Pollution Control Board.
- (4) PS to Hon'ble MIC, UD & MA Department, Govt. of West Bengal.
- (5) PS to Principal Secretary, UD & MA Department, Govt. of West Bengal.

18.05.2020.
Director, SUDA

দূরভাষ : ২৩৫৮ ৬৪০৩ / ৫৭৬৭, ফ্যাক্স : ২৩৫৮ ৫৮০০

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

Account Section : 2358 6408

**Detail mapping of Nodal Officers of Municipal Corporations and
contact details of Officers at pickup points**

Sl. No.	Municipal Corporation	Municipal Commissioner / Nodal Officer of the ULB	Contact No.	Assigned Agency	Pick up points	Nodal person (Name & designation)	Contact No.
1	Siliguri MC	Shri Sonam Bhutia, Commissioner	9733380198	GreenZen Bio Pvt. Ltd.	Siliguri District Hospital	Mr. Biplab Burma (Asst. Super)	9832361072

18.05.2020



রাজ্য নগর উন্নয়ন সংস্থা



STATE URBAN DEVELOPMENT AGENCY

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

ক্রমিক নং SUDA-11011(16)/1/2020/10538

তারিখ 18.05.2020

From : Shri Santanu Mukherjee, WBCS(Exec.),
Director, SUDA

To : GreenTech Environ Management Pvt. Ltd.,
847/1A, Block-A, Lake Town,
Kolkata-700089.

Sub : Engagement order for lifting of Bio-Medical Waste in connection
with Covid-19 from designated Municipal Corporations

Sir,

Apropos the captioned subject, in compliance with the orders issued by the National green Tribunal and directives given by the Central Pollution Control Board, Bio-Medical Waste in connection with Covid-19 will have to be lifted from all quarantined households initially in the 7 (seven) Municipal Corporations of Kolkata MC, Asansol MC, Bidhannagar MC, Howrah MC, Chandernagore MC, Durgapur MC & Siliguri MC.

Your offer received vide no.Nil dated 16.05.2020 has been accepted by SUDA to lift the Bio-Medical Waste generated by the quarantined households in the Kolkata MC area from the designated pick up point at ID&BG Hospital and M.R.Bangur Hospital as per the following commercial details.

Sl. No.	Particulars	Rate
(1)	Per trip cost for carrying Bio-Medical Waste from designated points at the Municipal Corporation (list annexed)	Rs.1300
(2)	Variable cost for treatment of the Bio-Medical Waste per Kg	Rs.50

All personal protection equipments will be provided from this office for the safety of the Driver and the Picker assigned to lift the Bio-Medical Waste from the designated points to be collected twice every week on Wednesday & Saturday (list of pickup point annexed). The per trip certification and weightment of the Bio-Medical Waste will be the responsibility of the respective Municipal Corporation.

Payment will be made after submission of bill and certification on the number of trips and weight of waste collected in each trip duly certified by the Municipal Corporation.

This engagement is valid for the period from 20.05.2020 to 30.06.2020 as per commercial terms noted above and may be extended at the sole discretion of the Department.

Encl : As stated.

Yours faithfully,

18.05.2020.
Director, SUDA

SUDA-11011(16)/1/2020/10538/1(5)

18.05.2020

Copy forwarded for kind information to :

- (1) Commissioner, Bidhannagar/ Howrah/ Chandernagore/ Asansol/ Durgapur/ Siliguri Municipal Corporation.
- (2) CMHO, Kolkata MC.
- (3) Chief Engineer, West Bengal Pollution Control Board.
- (4) PS to Hon'ble MIC, UD & MA Department, Govt. of West Bengal.
- (5) PS to Principal Secretary, UD & MA Department, Govt. of West Bengal.

18.05.2020.
Director, SUDA

দূরভাষ : ২৩৫৮ ৬৪০৩ / ৫৭৬৭, ফ্যাক্স : ২৩৫৮ ৫৮০০

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

Account Section : 2358 6408

**Detail mapping of Nodal Officers of Municipal Corporations and
contact details of Officers at pickup points**

SL. No.	Municipal Corporation	Municipal Commissioner / Nodal Officer of the ULB	Contact No.	Assigned Agency	Pick up points	Nodal person (Name & designation)	Contact No.
1	Kolkata MC	Dr. Soumitra Ghosh, CMHO	9830061346	GreenTech Environ Management Pvt. Ltd.	ID&BG Hospital	Chaitali Sengupta (Asst.Super).	9051475777
2	Kolkata MC	Dr. Soumitra Ghosh, CMHO	9830061346	GreenTech Environ Management Pvt. Ltd.	M.R.Bangur Hospital	Mr.Sagar Chandra Sit(Asst.Super).	8617344125

18.05.2020

সুডা**রাজ্য নগর উন্নয়ন সংস্থা****SUDA****STATE URBAN DEVELOPMENT AGENCY**

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

ক্রমিক নং SUDA-11011(16)/1/2020/10533

16.04.2020

তারিখ

From : Shri Santanu Mukherjee, WBCS(Exe.),
Director, SUDATo : Prova Irrigation Equipments Co.,
55, Chanditala Main Road,
Kolkata-700053.

Sub : Supply order for Bio-Medical Waste bags for 1,00,000 pcs. (Yellow)

Sir,

Apropos the captioned subject, your quotation vide no.PIE/BIO/SUDA/01/20-21 dated 05.05.2020 for supply of 1,00,000 pieces Bio-Medical Waste bags (Yellow) as per detail below has been accepted by SUDA.

Sl. No.	Particulars	Quantity	Price
1	Bio-Medical Waste bags (Yellow)	1 lakh	Rs.3.55 + 18% GST

You are requested to supply the entire consignment immediately to the following locations.

Sl. No.	Municipal Corporation	Quantity to be delivered
(1)	Kolkata MC	30,000
(2)	Asansol MC	10,000
(3)	Bidhannagar MC	20,000
(4)	Howrah MC	20,000
(5)	Chandernagore MC	5,000
(6)	Durgapur MC	5,000
(7)	Siliguri MC	5,000
(8)	SUDA office	5,000

Payment will be made after submission of bill along with challan duly certified.

Yours faithfully,

Director, SUDA

16.05.2020
16.04.2020

SUDA-11011(16)/1/2020/10533/1(5)

Copy forwarded for kind information to :

- (1) Commissioner, Bidhannagar/ Howrah/ Chandernagore/ Asansol/ Durgapur/ Siliguri Municipal Corporation.
- (2) CMHO, Kolkata MC.
- (3) Chief Engineer, West Bengal Pollution Control Board.
- (4) PS to Hon'ble MIC, UD & MA Department, Govt. of West Bengal.
- (5) PS to Principal Secretary, UD & MA Department, Govt. of West Bengal.

Director, SUDA

দূরভাষ : ২৩৫৮ ৬৪০৩ / ৫৭৬৭, ফ্যাক্স : ২৩৫৮ ৫৮০০

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

Account Section : 2358 6408

**OFFICE OF THE CHAIRPERSON
NATIONAL GREEN TRIBUNAL STATE LEVEL COMMITTEE ON SOLID WASTE MANAGEMENT,
WEST BENGAL.**

No. 1135 - 3S-326/2019 (Pt.II)

Dated : 26/06/2020

To

- | | |
|---|--|
| <p>1 The Additional Chief Secretary
to the Government of West Bengal
Department of Panchayat & Rural Development
Joint Administrative Building, Block HC-7, Sector-III,
Salt Lake, Kolkata - 700106</p> <p>3 The Secretary
to the Government of West Bengal
Department of Micro, Small & Medium
Enterprises & Textiles
Shilpa Sadan, 7th Floor,
4. Abanindranath Tagore Sarani (Camac Street),
Kolkata- 700 016</p> <p>5 The Municipal Commissioner
Kolkata Municipal Corporation
5, S. N. Banerjee Road,
Kolkata -700 013</p> <p>7 The Managing Director
West Bengal Industrial Development
Corporation Ltd. & Secretary to the
Government of West Bengal,
Department of Industry & Enterprises,
Protiti, 23, Camac Street, Kolkata - 700016</p> <p>9 The Regional Director
Central Pollution Control Board, Kolkata
Southend Conclave, Block 502,
5th and 6th Floors, 1582, Rajdanga Main Road,
Rajdanga Nabapalli, Rajdanga, Kasba,
Kolkata - 700107</p> | <p>2 The Principal Secretary
to the Government of West Bengal
Department of Environment
Prani Sampad Bhavan (5th Floor)
LB-2, Sector - III, Salt Lake, Kolkata-700106</p> <p>4 The Principal Secretary
to the Government of West Bengal
Department of Urban Development & Municipal
Affairs
Nagarayan, Sector-I, Block -DF-8,
Bidhan Nagar,
Kolkata - 700064</p> <p>6 The Principal Secretary
to the Government of West Bengal
Department of Health & Family Welfare
Swasthya Bhawan
GN-29, Sector-V, Salt Lake, Kolkata-700091</p> <p>8 The Chief Executive Officer
Kolkata Metropolitan Development Authority
Unnayan Bhavan (Administrative),
3rd Floor, Administrative Block,
DJ-11, Sector-II, Salt Lake,
Kolkata - 700 091</p> |
|---|--|



Sub: Forwarding of Minutes of 12th Meeting of West Bengal State Level Committee (WBSLC) on Solid Waste Management as per order of the Hon'ble NGT dated 16/01/2019 in O.A. No. 606 of 2018.

Sir,

Kindly find enclosed herewith the minutes of the 12th meeting of West Bengal State Level Committee relating to Solid Waste Management (O.A No. 606 of 2018), held on 18.06.2020, for your kind perusal and taking necessary action.

Regards,

Yours faithfully,

Sd/-

Dr. Rajesh Kumar, IPS
Member Secretary
West Bengal Pollution Control Board &
State Level Monitoring Committee, West Bengal

Encl : As stated above.

Contd. to P/2...

No. 1135 (1/3) - 3S-326/2019 (Part-II)

Dated : 26 /06/2020

Copy forwarded to :

1. Shri Rabijyoti Majumdar, IAS, Commissioner, Department of Environment, Govt of West Bengal, Prani Sampad Bhawan, 5th Floor, Block-LB-2, Sector-III, Salt Lake, Kolkata - 700106.
- ✓ 2. Shri Santanu Mukherjee, Director, State Urban Development Agency, Department of Municipal Affairs, Government of West Bengal, HB-305, AB Road, HC Block, Sector-III, Salt Lake, Kolkata - 700106.
3. Shri Joly Chaudhuri, Joint Secretary to the Government of West Bengal, Department of Urban Development & Municipal Affairs, 'Nagarayan', DF-8, Sector-I, Salt Lake, Kolkata - 700064.

Shan
26/6/2020

Member Secretary
West Bengal Pollution Control Board &
State Level Monitoring Committee, West Bengal

Minutes of the Twelfth Meeting of the West Bengal State Level Committee (WBSLC) constituted under the Order of the Hon'ble National Green Tribunal dated 16.01.2019 in O.A. No.606 of 2018 (Compliance with Solid Waste Management Rules, 2016) held on Thursday, 18.06.2020 at 11:30 a.m. in the Conference Room (6th Floor) of the Urban Development & Municipal Affairs Department at Nagarayan Bhawan, Bidhan Nagar, Kolkata.

The attendance was as follows:-

Sl. No.	Details of the Committee member	Attendance status	Represented by
1.	The Chairperson of the West Bengal State Level Committee.	Present	Justice Jayanta Kumar Biswas, Former Judge, Calcutta High Court.
2.	The Additional Chief Secretary to the Government of West Bengal, Department of Panchayat & Rural Development.	Absent	Shri Dibyendu Sarkar, IAS Secretary, Panchayat & Rural Development, GoWB.
3.	The Principal Secretary to the Government of West Bengal, Department of Environment.	Present	Shri Vivek Kumar, IAS.
4.	The Secretary to the Government of West Bengal, Department of Micro, Small & Medium Enterprises and Textiles.	Absent	Shri Abhijit Bhattacharya, WBCS (Exe.) Joint Secretary, Micro, Small & Medium Enterprises and Textiles Department, GoWB.
5.	The Principal Secretary to the Government of West Bengal, Department of Urban Development & Municipal Affairs.	Present	Shri Khalil Ahmed, IAS.
6.	The Commissioner, Kolkata Municipal Corporation.	Present	Shri Binod Kumar, IAS.
7.	The Secretary to the Government of West Bengal, Department of Health & Family Welfare.	Absent	Shri Shubhanjan Das, IAS Additional Secretary, Health & Family Welfare Department, GoWB.
8.	The Managing Director, West Bengal Industrial Development Corporation Limited and Secretary to the Government of West Bengal, Industry & Enterprises.	Absent	Shri P. Kamalakanth, IAS Executive Director, West Bengal Industrial Development Corporation Ltd.
9.	The Chief Executive Officer, Kolkata Metropolitan Development Authority.	Present	Smt. Antara Acharya, IAS.
10.	The Member Secretary, West Bengal Pollution Control Board & Member Secretary, West Bengal State Level Committee on Solid Waste Management.	Present	Dr. Rajesh Kumar, IPS.
11.	The Regional Director, Kolkata Zonal Office, Central Pollution Control Board.	Absent	None.

✓ R

The following officers from the different stakeholder departments of the Government of West Bengal were also present in the meeting: -

1.	Shri Rabijyoti Majumdar, IAS, Commissioner, Department of Environment, GoWB.
2.	Ms. Nitu Singh, IAS, OSD, Urban Development & Municipal Affairs Deptt., GoWB.
3.	Shri Santanu Mukherjee, WBCS (Exe.), Director, State Urban Dev. Agency, GoWB.
4.	Shri Joly Chaudhury, WBCS (Exe.) Joint Secretary, Department of Urban Development & Municipal Affairs, GoWB.
5.	Shri Subhasish Chattopadhyay, Director General (SWM), Kolkata Municipal Corporation.
6.	Smt. Pausali Mukherjee, Senior Law Officer, Department of Environment, GoWB.
7.	Shri Amitava Das, Deputy Director, State Urban Dev. Agency, GoWB.
8.	Dr. Tapas Kumar Gupta, Chief Engineer, West Bengal Pollution Control Board.
9.	Shri Debanjan Gupta, Senior Scientist, West Bengal Pollution Control Board.
10.	Shri Rathis Som, WBLs, Law Officer, Department & Environment, GoWB & Law Officer, WBPCB.
11.	Smt. Mousumi Saha, Environmental Engineer, West Bengal Pollution Control Board.

The meeting was chaired by Justice Jayanta Kumar Biswas (Retd.), Chairperson of the West Bengal State Level Committee (WBSLC) constituted by the Hon'ble National Green Tribunal.

At the outset, the Chairperson welcomed all the participants and took up for review the follow up actions as per decisions adopted in WBSLC's 11th meeting held on 14.02.2020.

A. Action taken for handling and disposal of wastes generated during treatment of COVID-19 patients as per Order of the Hon'ble NGT dated 23.04.2020 in O.A.No 72/2020:

The Committee has been informed that the State has complied with the guidelines of the CPCB for management of COVID-19 wastes; and that in compliance with the order of the Hon'ble NGT dated 23-04-2020 (O.A. No. 72/2020/PB) and the subsequent direction of the CPCB, in Video Conference of the High Level Task Team held on 26.05.2020 among the CPCB, the SPCBs & the Health Departments of the States, the Status Report on Covid-19 Waste Management in West Bengal, jointly prepared by the West Bengal Pollution Control Board and the Department of Health & Family Welfare, GoWB, and approved by the Principal Secretary, Department of Environment, GoWB, has been sent to the CPCB on 04/06/2020.

The Committee has also been informed that the Status Report on management of Covid-19 wastes from home quarantine, in compliance with the order of the Hon'ble NGT dated 18-05-2020 (O.A. No. 30/2020 : Subhas Datta vs. State of West Bengal & Ors), shall be submitted to the Hon'ble Tribunal within 08.07.2020 through the Department of Environment, GoWB.



The Committee has discussed at length the roles and responsibilities of the ULBs in the matter of collection of COVID-19 wastes from the quarantine and isolation centers and sending them to designated hospitals/ collection centres. It has been told that the COVID-19 wastes are being collected by the Common Biomedical Waste Treatment Operators (CBWTOs) from the hospitals as per the guidelines issued by the CPCB. The Committee has been informed that the rates/ charges for house-to-house/ isolation centre-wise collection of COVID-19 wastes by the conservancy staff of the respective municipal authorities have been finalized after due consultation with the CBWTOs. The Commissioner, Kolkata Municipal Corporation (KMC), has also conveyed the compliance, but he has informed that a tender has been called by the KMC for finalization of the rates/ charges for house-to-house/ isolation centre-wise collection of wastes. He has been requested to expedite the finalization of the tender re COVID-19 wastes collection since the responsibility of wastes collection is primarily on the local municipal authority.

The Committee has also discussed the draft Model Plan for COVID-19 Biomedical Waste Management, published by the CPCB on 17th June 2020 as per the recommendations of the High Level Task Team constituted by the Hon'ble NGT by order dated 24.04.2020 in O.A.No 72/2020, at the village/ panchayet and Sub-divisional levels. The Secretary, P&RD, has requested SUDA for sharing a copy of their methodology/ instructions to the State's municipal bodies, so that the process of implementation in all the rural areas may be expedited.

B. Discussion on Compliance with Solid Waste Management Rules, 2016 in the 8 (eight) model cities and towns [Asansol Municipal Corporation, Durgapur Municipal Corporation, Bidhannagar Municipal Corporation, Baidyabati Municipality, Rishra Municipality, Kalyani Municipality, Haldia Municipality and Uttarpara-Kotrung Municipality] and in the other ULBs – Report by SUDA.

Para 35 (a) Compliance with Solid Waste Management Rules, 2016 in the 8 (eight) model cities and towns and in the other ULBs:

(I) Action Taken Report by the Director, SUDA :

Action taken at Ganga ghats and drain outfalls to Ganga :-

1. 400 out of 402 drain-outfalls to the river Ganga have been screened.
2. In the drains belonging to the Irrigation Department within the Howrah Municipal Corporation, the KMDA has started Bio-remediation/Phyto-remediation works.
3. In 643 Ganga Ghats, 120 / litter-bins have been placed. The rest are going to be covered within one month.
4. IEC activities have been initiated at all the ghats.
5. Ghat cleaning is being done on daily basis at all the 643 ghats.

Action taken on procurement of bins and vehicles for the ULBs :-

6. Bins supply is 100% and vehicles supply to the model cities and towns is 20%. Following equipment/vehicles have been procured and supplied to the ULBs :-
- 117 dumpers to 116 ULBs.
 - 273 Fuel operated Tippers to 120 ULBs.
 - 70 Battery operated Tippers to 5 ULBs.
 - 209 movable compactors and 21 stationary compactors alongwith 17 hook loaders to all ULBs. Procurement of compactors has been stopped.
 - 21 lakh household waste bins (blue and green) have been supplied to the ULBs.
 - Work order has been issued for 39 lakh more bins; supply will start within July 2020 and will be completed within next three months.

Action taken on floating of tenders centrally for Compost Plant and MRF in different municipalities:-

Pramodnagar Cluster :-

7. RfP for engagement of Agency for Legacy Waste removal, 100% processing of bio-degradable waste, MRF facility for non-biodegradable recyclable waste and establishment of Sanitary Landfill site for Promodnagar cluster project of 6 ULBs:
- 2nd call of tender, after incorporating the observations of the Finance Department, has been floated on 13.06.2020 (date of opening: 06.07.2020).

Ashokenagar-Kalyangarh, Habra and Gobardanga Cluster :-

8. RfP for engagement of Agency for Legacy Waste removal, 100% processing of bio-degradable waste, MRF facility for non-biodegradable recyclable waste and establishment of Sanitary Landfill site for Ashokenagr-Kalyangarh, Habra and Gobardanga cluster project:
- Since the 1st call has failed to yield the needed results,, the 2nd call of the tender has been scheduled to be floated on 22.06.2020.

Baidyabati Cluster :-

9. RfP for engagement of Agency for Legacy Waste removal, 100% processing of bio-degradable waste, MRF facility for non-biodegradable recyclable waste and establishment of Sanitary landfill site for Baidyabati Cluster project of 8 ULBs:
- Since the 1st call has failed to yield the needed results, 2nd call of the tender has been scheduled to be floated on 22.06.2020.

a B

Other 35 ULBs :-

10. RfP for engagement of Agency for 100% processing of bio-degradable waste, MRF facility for non-biodegradable recyclable waste and establishment of Sanitary Landfill site for another 35 ULBs has been prepared and will be floated by the 1st week of July 2020.

The Committee has noted the progress in the matter and has directed the agencies concerned to expedite the tendering process, and has also agreed with the suggestion of the Secretary, Urban Development and Municipal Affairs Department, that, wherever feasible, unbundling process/ methodology should be adopted, taking a cue from the exercise done in this regard by the Kolkata Municipal Corporation. Unbundling has the potential for simplifying the process and eliciting a larger participation in the tender as well as lowering the overall project costs. It has been decided that the Department of UD&MA, GoWB, and SUDA will issue necessary directions to the ULBs.

Status of Bio-Mining Tender for Mollar Bheri:-

11. Bio-mining tender for Mollar Bheri, invited by the Bidhannagar Municipal Corporation, has matured and it has been forwarded to the Finance Department, GoWB, for acceptance/ approval.

Progress obtained on other issues:-

12. Bidhannagar Municipal Corporation has floated RfP for OWC to be installed in 10 different locations. In the 2nd call for RfP, sufficient bidders have participated. However, decision on finalization is pending as the rate quoted appears to be rather high.
13. Out of the total target of 2,87,573 Individual Household Latrine (IHHL), construction has been completed for 2,56,071 IHHL i.e. 89% of the target. Due to the lockdown restrictions, construction has been delayed. So far, 13 ULBs have been declared as ODF, 62 are on the verge of such declaration, and the work in the rest is going on.
14. Nearly 90% ULBs have started the door-to-door collection of waste from households, but the segregation at source is only 20% of the target. It has been decided that 100% door-to-door collection shall be completed by October 2020, and that 100% segregation at source shall be achieved by November 2020.

↙ R

15. As per the earlier decision of this Committee, SUDA has submitted consolidated proforma reports on solid waste generation and treatment.
16. Publication of Annual Reports :-
 - Annual Report on SWM in Form-IV has been submitted by all the 125 ULBs for the Calendar year 2019.
 - Annual Report on Plastic Waste Management (PWM) in Form-V has been submitted by 103 ULBs. Reports from the remaining ULBs will be collected by July 2020.
17. Draft Communication plan for awareness generation on solid waste management is under preparation and shall be finalized by the end of July 2020.
18. Draft DPR on SWM of 124 ULBs has been prepared. Shall be finalized by July 2020.

Progress in the 8 (eight) Model Cities/Towns :-

The Director, SUDA, has given a presentation before the Committee about the progress achieved in the model cities/towns in West Bengal. The salient points of the presentation are:-

- There are 310 wards in the 8 Model Towns. Door to door collection has started in 293 wards (94.52%). Rest of the wards will be covered by October 2020.
- Segregation of waste at source is in place in 92 wards (29.68%). Rest of the wards will be covered by November 2020.
- All the Action Plans have been prepared by Micro Planning Organizations. To be finalized by 15.07.2020.
- Compost plants have been placed/installed in 3 Model Towns (Uttarpara-Kotrung, Baidyabati and Rishra).
- Rag pickers and bulk waste generators have been identified in all the Model Towns. Training has been organized with elected representatives, officials and conservancy workers of the ULBs.
- Equipment procured and supplied in the 8 Model cities are as follows :-
 - a) 5,19,434 waste bins (blue and green).
 - b) 7 dumpers.
 - c) 94 Fuel operated Tippers.

d) 42 Battery operated Tippers.

e) 171 try-cycle vans.

- Bulk waste generators have been identified and notice to the bulk waste generators for segregation and processing of wastes has been issued.
- IEC activity has started in all the Model ULBs.

(II) Action Taken Report by the Secretary, P&RD Department :

The Secretary, Panchayat & Rural Development Department, GoWB, has informed the Committee that a consolidated report will be placed before it through the Department of Environment, GoWB.

B. Para 35 (b) Compliance with Remediation of Legacy Waste:

The Director, SUDA, has informed the Committee that the following actions have been taken for Legacy Waste Sites:

Action taken by the KMDA on Legacy Waste Sites :-

KMDA has floated RfP for bio-mining of 69 dump sites (comprising of 29 clusters) on 16.03.2020. The Technical Bid is scheduled to be opened on 30.06.2020.

RfP for bio-mining has been floated for the following sites: -

- a) Mollar Bheri on 22.11.2019; single bid received even after the 2nd call. File under submission to the Finance Department for acceptance of the rate.
- b) Dhapa RfP for removal of solid waste of 300 tons per day was issued on 19.12.2019. Work Order had been issued and it expired in April 2020. During the working period, 25,535 MT of legacy waste has already been removed. KMC has extended the earlier Work Order in favour of M/s Eastern Organic fertilizer Pvt. Ltd. for a further period of 03 months. In addition to the above, KMC has floated a separate re-tender for supplying of 02 numbers of segregating trammel of 300 tons per day capacity each. Tender has been floated on 11.06.2020 and will be opened on 08.07.2020. The first tender had to be cancelled due to an abnormally-high financial offer. For long term planning, a re-tender for bio mining of legacy waste (around 40 lakh MT) from the 60-acre land at Dhapa and was published on 28.01.2020 and technical bid was opened on 20.02.2020. The bid evaluation committee has asked for some document from the bidders, but the evaluation process could not be completed due to the lockdown restrictions.



- c) RfP for Promodnagar with Kamarhati dump site: 1st call issued on 30.12.2019 (this will cover 6 ULBs), but failed to yield the needed results. After receiving the approval of the Finance Department on 19.03.2020, the 2nd call has been floated on 13.06.2020.
- d) RfP for Bhadreswar, Dankuni and Ashoke Nagar: 1st call which had been floated on 03.01.2020 failed to yield the needed results. The 2nd call will be floated on 22.06.2020.

C. Para 35 (d) Compliance with Solid Waste Management in the 17 polluted river stretches including Ganga and setting up of STPs:

The Status of rejuvenation of the 17 polluted river stretches (O.A. 673 of 2018) is as follows :-

- As per order of the Hon'ble NGT, the Environment Department, GoWB, has constituted the River Rejuvenation Committee under the Chairmanship of the Member Secretary, WBPCB. The Chief Executive Officer, KMDA, is the Member Convenor of the RRC.
- RRC has held seven (7) meetings. The last meeting was held on 09.06.2020.
- The Hon'ble NGT has identified 17 polluted river stretches in the State of West Bengal in five priority classes.
- The responsibility for the preparation of the Action Plans for the river stretches has been assigned to the following agencies:-

Sl. No.	Class of Priority	River	River Stretch Identified	Nodal Department/Agency
1.	I	Vidyadhari	Haroa Bridge to Malancha Burning Ghat	PHED
2.	II	Mahananda	Siliguri to Binaguri	SJDA
3.	III	Churni	Santipur town to Majhadia	KMDA
4.	III	Dwarka	Tarapith to SadhakBamdebGhat	PHED
5.	III	Ganga	Tribeni to Diamond Harbour	KMDA
6.	IV	Damodar	Durgachak to Dishergarh	ADDA
7.	IV	Jalangi	Laal Dighi to Krishna Nagar	MED
8.	IV	Kansai	Midnapore to Ramnagar	MED
9.	IV	Mathabhanga	Madhupur to Gobindapur	PHED
10.	V	Barakar	Kulti to Asansol	ADDA
11.	V	Dwarkeswar	Bankura to Kusthia	MED
12.	V	Kaljani	Bitala to Alipurduar	MED
13.	V	Karola	Jalpaiguri to ThakurerKamat	MED
14.	V	Mayurakshi	Suri to Durgapur	MED
15.	V	Rupnarayan	Kolaghat to Benapur	MED
16.	V	Silabati	Ghatal to Nischindipur	MED
17.	V	Teesta	Siliguri to Paharpur	SJDA

- Action Plans for Bidyadhari and Mahananda have been approved by the CPCB.

(Handwritten signature)

- As per order of the Hon'ble NGT dated 06.12.2019, the Action Plans were to be finalized by 31.03.2020 and the installation of the STPs were to be completed by 31.03.2021.
- The Hon'ble NGT, in its order dated 15.05.2020 in O.A. 593 of 2014, has extended the said timelines till 30.06.2020 and 30.06.2021 respectively.
- Action Plans for P-III (3 rivers) and P-IV (3 rivers, except Damodar) were approved in the 7th RRC meeting and have been sent to the CPCB.
- The CPCB Task Force Team in its 12th meeting held on 11.06.2020 has discussed these six Action Plans and has opined that the action should be initiated immediately to comply with the timelines fixed by the Hon'ble NGT.
- The RRC has also approved the Action Plans for P-V (6 rivers, except Barakar & Teesta) in its 7th meeting and the said Action Plans have also been sent to the CPCB.
- The ADDA has submitted Action Plans for Damodar and Barakar on 12.06.2020 before the RRC, and after examining the Action Plans, the RRC has found that the Action Plans suffered from some shortcomings which needed rectification.
- The SJDA has submitted Action Plan for the river Teesta on 16.06.2020 before the RRC, and after examining the Action Plan, the RRC has found that the Action Plan suffered from some shortcomings which needed rectification.
- Five agencies, namely, KMDA, PHED, MED, ADDA and SJDA are required to take immediate action to comply with the orders of the Hon'ble NGT.

The Principal Secretary, Department of UD&MA, has informed the Committee that in order to further expedite and synergise the work in this regard, the UD&MA Department by its G.O dated 13.06.2020 has entrusted the CEO, KMDA, with all the works of the Municipal Engineering Directorate (MED) and conferred on the CEO all administrative and financial powers of the MED.

The CEO, KMDA, has informed the Committee that after thorough examination, it has been decided that Bio-remediation and Phyto-remediation are not feasible in the river stretches due to the tidal effects (except for Jangipur), and that the CPCB has broadly agreed to this fact.

The Chairperson has suggested to consider the low-cost treatment solutions and to take help of the CPCB guidelines. In this regard, the WBPCB officials have clarified that the CPCB has already published a report on low-cost treatment technologies and that the same is available in



the CPCB website. The Committee has directed the KMDA to expedite the project at Jangipur, to visit the Jangipur site. The Committee has directed to make connection of all drain outlets with STP by June 2020 and to submit a report immediately.

Action plan are to be prepared for the stretches of river Damodar, river Barakar and river Teesta as identified by the River Rejuvenation Committee. The Committee has directed to complete the works for river Damodar and river Barakar by June 2021.

D. Para 35 (C) : Other Thematic Areas :

1. Compliance with Construction and Demolition (C&D) Waste Rules :

(a) The Committee has noted with concern the delay being faced by the UD&MA Department in obtaining land at the Central Jute Mill premises for disposal of C&D waste. The Committee has directed to flag this issue for the Chief Secretary's kind attention and intervention for obtaining the proposed land at the Central Jute Mill premises as early as possible.

(b) The Committee has also been informed about the delay in obtaining land (measuring 35 acres) at Rasapunja in South 24 Parganas for disposal of C&D waste. It has been informed that the proposal will be submitted by the UD&MA Department immediately to the Finance Department, GoWB, with an intimation to the Principal Secretary, Environment Department, GoWB. The committee has requested the Principal Secretary, Department of Environment, to pursue the matter with the Finance Department, GoWB.

2. Compliance with Plastic Waste, e-Waste and Hazardous Waste Rules :

The Committee has been informed that the WBPCB is regularly sending the reports to the CPCB in terms of the respective orders issued by the Hon'ble NGT. The Director, SUDA, has informed the Committee that 77 ULBs have issued the notification banning use of plastic below 50 microns and that the notifications by the rest of the ULBs will be made at the earliest.

3. Compliance with Biomedical Waste Rules :

The compliance with the biomedical waste rules, in general, and the COVID-19 biomedical wastes in particular, has been discussed at length by the Committee.

4. Matter regarding 122 non-attainment cities (7 for West Bengal) :

Comprehensive Air Improvement Action Plan for Kolkata was approved by the CPCB and actions are being taken by the Departments/ agencies concerned. Action plans for newly identified 6 non-attainment cities have also been submitted by the Department of Environment,

✓ 2

GoWB, to the CPCB and approved. Source-apportionment study for Kolkata and Howrah has been completed and the report submitted by NEERI is being scrutinized by the WBPCB and the DoE, GoWB. Source-apportionment and Carrying Capacity study for Barrackpore and Haldia will be taken up by NEERI. The same study for Durgapur, Asansol and Raniganj will be taken up by IIT, Delhi, whose credentials in this sphere are well established.

5. ***Matter regarding 100 industrial clusters (5 for West Bengal) :***

Action plan has been submitted to the CPCB.

6. ***Matter regarding Status of STPs and re-use of treated water:***

The Department of Urban Development & Municipal Affairs has prepared a report on the issue and has forwarded the same to the CPCB. The committee has directed the UD&MA department to submit a progress report in this regard.

7. ***Matter regarding Status of CETPs/ ETPs including performance:***

The Committee has directed to prepare a report on treatment of waste water and to submit the same by 26th June 2020.

8. ***Matter regarding Status of Ground Water extraction/contamination and re-charge:***

Action plan for ground water extraction/ contamination and re-charge has already been prepared. The Committee has directed to pursue the matter for approval of the plan by the CPCB by 22.06.2020.

9. ***Matter regarding Status of Air Pollution including Noise Pollution :***

The Member Secretary, WBPCB, has informed the Committee that it has provided Sound Level Meters to a large number of Police Stations and that more Sound Level Meters with Calibrator will be procured to equip all the Police Stations of the State to measure sound pollution. The procurement process is in full swing. The WBPCB is in the process of installing Continuous Noise Monitoring Stations in the major towns of the State for real-time noise data.

The KMC has expressed its apprehension about the likely adverse impact on its regular public services if use of all the more-than-10-year-old diesel vehicles is prohibited as per the Hon'ble NGT's direction in the *Vardhaman Kaushik case*. On this issue, the Commissioner, Environment Department, has informed that a committee under the Transport Department has been set up to decide the matter and that the report will be submitted by 30.06.2020. This committee thinks that it will be proper to wait for that Committee's report before discussing the issue any further.

✓ R

10. Matter regarding illegal sand mining :

The Principal Secretary, Department of Environment, has informed the Committee that the Land & Land Reforms Department, GoWB, has sent a status report regarding the demarcation of the boundary between West Bengal and Odisha and stoppage of illegal sand mining; that a joint committee has been set up with competent officers from both States; and that the methodology of demarcation has also been fixed; but, due to COVID-19 lockdown restrictions, physical demarcation work could not be started so far.

11. Matter regarding Status of Rejuvenation of Waterbodies :

The Secretary, P&RD Department, has informed the Committee that though the Action Plan in this regard has been sent to the CPCB, no concurrence has yet been received. The Committee has decided that the WBPCB will pursue the matter for early approval of the CPCB, to enable commencement of the work.

12. Miscellaneous Issues :

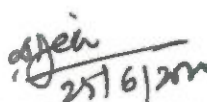
- Budgetary Provision to P&RD Department, GoWB, for conservancy in GPs :-
The Secretary, P&RD Department has informed the Committee that the earlier approved amount of Rs. 20 lakh that was allocated for management of conservancy has been further reduced to Rs.12.50 lakh (approximately), and that it is totally inadequate for the day to day efficient management of conservancy service. The committee has been informed that Rs.53 lakh is needed for each Gram Panchayat for effective management of conservancy. SBMG will submit the budget soon.

- The Principal Secretary, Department of Environment, GoWB, has intimated the different dates on which important matters are scheduled to come up for hearing before the Hon'ble NGT, and has asked the Departments/ agencies concerned for time-bound action :-
 - Preparation of Peoples' Biodiversity Register and constitution of Peoples' Biodiversity Management Committees
 - Long term Air Quality Management Plan
 - Progress Report on activities on river *Adi Ganga*
 - Quarterly Report on Plastic Waste Management by SUDA

2

- The Committee has observed that the UD&MA Department, GoWB, is nodally responsible to monitor the compliance with the Hon'ble NGT order dated 17.01.2020 and the other orders regarding imposition of fines upon the municipal bodies/ the KMDA/ the other development agencies in the urban areas; and that similarly the P&RD Department is responsible for the same in respect of the elected bodies in the rural areas. The committee has requested them to monitor the compliance with the Hon'ble NGT directions and to submit a status report in this regard to the Committee. To facilitate this exercise, the WBPCB shall circulate a Table showing case-wise financial penalties to be imposed on the ULBs/ PRIs/ others pursuant to the different orders of the Hon'ble NGT, the date from which payment of penalty is due, and the total financial penalty due on 1st June 2020, etc.
- It has also been decided that the WBPCB shall prepare a detailed list of the matters which involve substantial inter-departmental coordination so that the same can be placed before the Chief Secretary, GoWB, through the Principal Secretary, Department of Environment.

There being no other item on the agenda to be discussed, the meeting has concluded with the vote of thanks to and from the Chair.


 (Dr. Rajesh Kumar, IPS)
 Member Secretary
 West Bengal Pollution Control Board
 & Member Secretary, WB State Level Committee,


 (Justice J. K. Biswas)
 Chairperson
 West Bengal State Level Committee

Action taken report on Promodhnagar/Rajivnagar Cluster Project of Dum Dum, North Dum Dum, South Dum Dum and Baranagar Municipalities on Septage Management and Solid Waste Management in compliance of Hon'ble NGT Order O.A. No. 70/2016 (EZ) with O.A. No. 43/2017 (EZ) dated 04.06.2020

Direction of Hon'ble National Green Tribunal (NGT)

Hon'ble National Green Tribunal (NGT) in O.A. No. 70/2016 (EZ) with O.A. No. 43/2017 (EZ) mentioned that:

- **Point-2:** The garbage and municipal solid wastes dumped at the Promodhnagar/Rajivnagar having the potential to cause water pollution, were also being burnt causing severe air pollution making it hazardous for the health of the local residents. The stench and obnoxious odour emitted from the dumping ground located on the northern side of Belghoria Express Way, added to the woes of not only of the people of the surrounding areas but also of the passers-by.
- **Point-3:** The principal question that falls for consideration of the Tribunal in this case is the implementation of the Solid Waste Management Rules, 2016 in dealing with the mountain of garbage at the site in question.
- **Point-4:**
 - ✓ The response of the concerned Municipalities being Dum Dum, North Dum Dum, South Dum Dum, Baranagar and New Barracquire in the handling of solid waste was found to be far from satisfactory.
 - ✓ The Department of Municipal Affairs and Kolkata Municipal Development Authority (KMDA) also were found to be casual in dealing with the matter.
 - ✓ The records would reveal the lack of coordination amongst the Municipalities, the KMDA and the Department of Municipal Affairs, Government of West Bengal.
 - ✓ Actions taken by the Municipalities, the KMDA and the Department of Municipal Affairs, Government of West Bengal were discordant and disorganized.
- **Point-5:** A project of ₹55.73 crores had been considered for scientific management of garbage and its disposal for the use of the Dum Dum Municipality, North Dum Dum Municipality, South Municipality and the Baranagar Municipality. Six weeks' time had been granted for preparation of a comprehensive DPR covering all aspects. Statement had been made by Mr. Sudip Kumar Dutta, the learned Government Counsel appearing for the Department of Urban Development and Municipal Affairs, to the effect that the Department had already undertaken various steps indicated in an affidavit filed on 07.03.2017.
 - ✓ Directions were thus passed upon the Department to file a report giving details of the progress made in respect of the steps stated to have been taken by them.
- **Point-6:** It may be relevant to note that this case has been placed before us today for the first time after it was heard on 08.11.2017, i.e., after a period of almost 3 years.
 - ✓ We, therefore, expect that all actions necessary for dealing with the issue involved in the case have been completed in accordance with the Solid Waste Management Rules, 2016. It may also be relevant to note that in O.A. No. 606/2018 (Compliance of Municipal Solid Waste Management Rules, 2016), the Tribunal has been passing directions from time to time upon all the States for taking steps for dealing with the solid waste as well as liquid waste and responsibility has been cast upon the Chief Secretary of the States to coordinate the action.
- **Point-7:** We, therefore, direct the Chief Secretary, Government of the Government of West Bengal, to submit a report on the present status in respect of the implementation of the Solid Waste

Management Rules, 2016 with particular reference to the present dumping ground of Promodhnagar /Rajivnagar.

- **Point-8:** The report be filed within 30 days from 04.06.2020.

Action Taken Report

1. Dum Dum, South Dum Dum, North Dum Dum, Baranagara and New Barrackpore Municipalities used to dump their daily collected solid waste at 22.06 acre land of Promodhnagar/ Rajibnagar (beside Belghoria Express Way) situated at Ward no. 3 of South Dum Dum Municipality. It was observed that around 7 lakh ton legacy waste with heap of garbage of 10-12 meter high lying in that site and daily 779 Ton Per Day (TPD) fresh solid waste and 60 Kiloliter Per Day (KLD)septage being dumped by these 5 ULBs. State Government had realized that these garbage and septage being dumped at this place are causing potential environmental pollution like air/ water pollution making it hazardous for the health of the Local residence. The stench and obnoxious odour emitted from the dumping ground adds to the woes of not only of the people of surrounding areas but also of the passers-by.

Considering the above situation, State Government in Urban Development and Municipal Affairs Department had decided to take up the following projects at Promodhnagar/ Rajibnagar site:

- A. Integrated Septage Treatment Plant for South Dum Dum Municipality under Atal Mission for Rejuvenation and Urban Transformation (AMRUT) with total project cost of Rs.8.10 crore.
- B. Integrated Septage Treatment Plant for Dum Dum, North Dum Dum and Baranagar and Municipalities under State Budget with total project cost of Rs.9.15 crore.
- C. Integrated Solid Waste Management Project for Dum Dum, North Dum Dum, South Dum Dum and Baranagar Municipalities under Swachh Bharat Mission/ Mission Nirmal Bangla (U) with total project cost of Rs.55.73 crore.

- A. Integrated Septage Treatment Plant for South Dum Dum Municipality under Atal Mission for Rejuvenation and Urban Transformation (AMRUT) with total project cost of Rs.8.10 crore commissioned:

- 30 KLD capacity Integrated Septage Treatment Plant commissioned in 0.562 acre land of Promodhnagar/ Rajibnagar site.
- Components were:

Sl. No.	Components	Progress
1	Construction of 30 KLD Septage Treatment plant.	Completed
2	Augmentation and Refurbishment of existing Cesspool/ Night Soil Chamber.	Completed
3	Construction of approach road	Completed
4	Supply of Cesspool	Completed

- Activities undertaken by this Septage Treatment Plant:

The Night Soil of the Municipal area is collected from house to house night soil chamber by cesspool and brought to the treatment plant and dumped in the Dumping Station which then passes through to the Anaerobic Lagoon to the Lime Stabilization unit. After lime stabilization, the matter is sent to the Sludge Drying Bed. The controlled effluent is sent to the outlet for final discharge.

- B. Integrated Septage Treatment Plant for Dum Dum, North Dum Dum and Baranagar and Municipalities under State Budget with total project cost of Rs.9.15 crore in progress:

- 30 KLD capacity Integrated Septage Treatment Plant under construction in 0.562 acre land of Promodhnagar/ Rajibnagar site.
- Components are:

Sl. No.	Components	Progress
1	Construction of 30 KLD Septage Treatment plant.	Under construction
2	Augmentation and Refurbishment of existing Cesspool/ Night Soil Chamber.	Under construction
3	Construction of approach road	Under construction
4	Supply of Cesspool	Under tender stage

- Activities to be undertaken by this Septage Treatment Plant:

The Night Soil of the Municipal area to be collected from house to house night soil chamber by cesspool and brought to the treatment plant and dumped in the Dumping Station which then will be passes through to the Anaerobic Lagoon to the Lime Stabilization unit. After lime stabilization, the matter will be sent to the Sludge Drying Bed. The controlled effluent will be sent to the outlet for final discharge.

C. Integrated Solid Waste Management Project for Dum Dum, North Dum Dum, South Dum Dum and Baranagar Municipalities under Swachh Bharat Mission/ Mission Nirmal Bangla (U) with total project cost of Rs.55.73 crore:

- Urban Development & Municipal Affairs Department had initiated a Solid Waste Management Cluster Project of Dum Dum, North Dum Dum, South Dum Dum and Baranagar Municipalities with dumping ground at 22.06 Acre land in Promodhnagar/Rajiv Nagar situated at Ward No. 3 of South Dum Dum Municipality under Mission Nirmal Bangla/Swachh Bharat Mission (Urban) as per approval of State Level High Powered Committee on 05.01.2017 and subsequent approval of Ministry of Housing & Urban Affairs, Government of India on 27.04.2017 with total project cost of Rs.55.73 Crore. Executing agency is Kolkata Metropolitan Development Authority (KMDA). The Component wise progress of work is placed below:

Sl No.	Components	Progress
1	Procurement of supply of Machinery, Equipments for Collection, Transportations and Disposal	<ul style="list-style-type: none"> • 100% household bins (green and blue) supplied to these 4 Municipalities and accordingly they have distributed. • 100% community bins with 240 litres capacity supplied to these 4 Municipalities and accordingly they have placed. • Pay-loader, road sweeping machine, cesspool emptier, stationary compactor and mobile compactor have been supplied to all the Municipalities.
2	Development of Landfill Site including View Barrier and Site Development & Grass Covering at 5 Acres	<p>296 meter long View Barrier Completed.</p> <p>SLF construction of 19600 meter in 4 acre land completed 80%.</p>
3	Construction of 2 Bio Gas Plant of capacity 25 TPD each (total 50 TPD)	<ul style="list-style-type: none"> • 1st and 2nd call of Expression of Interest (Eoi) for installation and setting up of 2 bio-gas plant could not matured due to lack of sufficient bidder. • Fresh call of the above with change of specification like design, drawing and construction of 2 units with

Sl No.	Components	Progress
		generation of electricity on turnkey basis including all electro mechanical work and one year O&M invited but not matured due to lack of sufficient bidder.
4	Windrow Composting Plant (50 TPD) with Compost Pad and Structural Shed, procurement & installation of eletro- mechanical component of compost plant and civil part like Administrative Building, Car Wash shed, sorting yard, Guard room, Weigh Bridge, Laboratory building & set up etc.	<ul style="list-style-type: none"> • Shifting of dumped material for clearing 2 acre land for installation of compost plant completed. • Soil testing and investigation for finding different parameters of soil, Structural designe of different units of compost plant, 149 no. pile with pile cap completed. • Casting of concrete pad (base slab) completed. • Casting of column completed. • Febrication of steel super structure (4500 sq meter) completed. • Overall 99% work completed.

2. In the mean time, Hon'ble National Green Tribunal constituted Regional Monitoring Committee of NGT under the Chairmanship of Hon'ble Mr. Justice Jayanta Kumar Biswas, Former Judge, Calcutta Pradesh High Court vide O.A. No. 606/2018 dated 20.08.2018 and further constituted State Level Committee instead of Regional Monitoring Committee under the Chairmanship of Hon'ble Mr. Justice Jayanta Kumar Biswas, Former Judge, Calcutta Pradesh High Court vide O.A. No. 606/2018 dated 16.01.2019 for reviewing the activities of the State on SWM in compliance of SWM Rules, 2016 and subsequent orders of Hon'ble NGT time to time.

After threadbare discussion held in the Regional Monitoring Committee/ State Level Committee meetings with the Committee Members representing from several departments of the State Government and several technical experts in SWM fields, it was understood that

- Present model (as per SWM Rules, 2016) of solid waste collection and disposal involves awareness generation among the population, expectation of segregation at source, door to door collection by the municipal bodies, intermediate storage of such collected waste, segregation at immediate storage points, ultimate transportation to the disposal ground and segregation, recycling, processing (Bio-gas, RDF, Compost as required) and finally scientific landfill with the residue.
- It is however a fact that these municipal bodies don't have the technical capability financial muscle and managerial competence to handle solid waste in a scientific manner. As a result, inspite of best intervention and substantial investments, these efforts have not resulted in any significant improvement of situation. The critical Gap in our efforts to manage solid waste is in the areas of technical and managerial competence.
- Further it was felt that, the DPR was prepared based on the direction of SWM Rules, 2000 where major clauses of SWM Rules, 2016 were not included like collection of waste in segregated manner, 100% processing of 600 TPD bio-degradable waste, Material Recovery Facility (MRF) for non-biodegradable waste and scientific disposal of inert waste in Sanitary Landfill (SLF) site, Legacy waste removal for land reclamation through bioremediation, IEC & Public awareness, Capacity Building and Operation & Maintenance of processing plants and SLF for considerable period. Moreover, Management of the processing plants and

others in Promodhnagar SWM Cluster Project is not possible for these 4 ULBs due to lack of technical expertise.

3. In the light of the above and considering the lack of efficacy of the present methodology, the State Government in UD&MA Department decided to make a departure from the model followed so far and adopted a new model for sustainable and scientific management of Solid Waste in compliance of Solid Waste Management Rules, 2016 and subsequent orders of Hon'ble NGT. The activities under taken are placed below:

- As sustainability of a solid waste management processing plant depends on availability of sufficient amount of waste, hence, State Government has included another 2 ULBs – Kamarhati and New Barrackpore Municipalities with this cluster project of Baranagar, Dum Dum, North Dum Dum and South Dum Dum.
- Due to lack of technical expertise and managerial capacity of these 6 ULBs, State Government has engaged State Urban Development Agency (SUDA) to implement and monitor this project.
- Transaction Advisor- Ernst & Young (Finance Department empaneled) has been engaged for preparation of Technical Feasibility Report (TFR) for legacy waste removal for land reclamation, scientific processing of 100% fresh bio-degradable waste, establishment of Material Recovery Facility (MRF) for non bio degradable recyclable waste and establishment of Sanitary Landfill Site (SLF) for disposal of inert waste. The Transaction Advisor has submitted the TFR and accordingly the RfP for engagement of agency for legacy waste removal, scientific processing of 100% fresh bio-degradable waste, establishment of Material Recovery Facility (MRF) for non bio degradable recyclable waste and establishment of Sanitary Landfill Site (SLF) alongwith the provision of 20 years Operation & Maintenance.
- In the 1st call floated on 30.12.2019, the RfP was cancelled due to non participation of any bidder.
- After that, UD & MA Department decided to refer the matter to FD for making the bid document more attractive for the bidders. Finance Department has agreed on 19.03.2020 the following observations where estimated project cost is Rs.855.77 crore for 20 years:
 - ✓ Earnest Money Deposit (EMD) : The EMD may be Rs.10 Lakhs or 2% of project cost, whichever is lower.
 - ✓ Security Deposit (SD): The SD may be deducted as 10% from the RA Bills.
 - ✓ Credential: The Tender Inviting Authority (TIA) has give the authority to amend that credential as per the project contours and the level of participation / interest as envisage in the tendering process from interest bidders for any applicable call(s).
- As Lock Down started due to COVID-19 pandemic situation, the revised document of RfP incorporating the observation of Finance Department could not be floated.
- Now the RfP document for 2nd bid floated on 13.06.2020 .Time schedule is as follows:
Closure of submission: by 06.07.2020
Technical and financial Evaluation: by 12.07.2020
Award of Contract: by 25.07.2020 with concurrence of Finance Department
Implementation to be started for legacy waste removal: by 5th August, 2020 (If sufficient bidders participate and RfP matures)
- Salient features of RfP is placed below:
 - ✓ Bioremediation of legacy waste
 - ✓ Secondary collection and transportation
 - ✓ Integrated Compost and RDF facility plant of 630 TPD capacity
 - ✓ Bio methenation plant of 100 TPD capacity
 - ✓ Sanitary Landfill facility
- Further, the Micro Planning Organization – Digambarpur Angikar has been engaged for preparation of individual DPR on SWM for these 6 ULBs especially for preparation of plan for collection of segregated waste and transportation up to Secondary Transfer Station alongwith Integration of processing and SLF units.

Progress in brief as per direction of Hon'ble National Green Tribunal (NGT) vide O.A. No. 70/2016
(EZ) with O.A. No. 43/2017 (EZ)

Point No.	Direction of Hon'ble NGT	Compliance
Point-2	The garbage and municipal solid wastes dumped at the Promodhnagar /Rajivnagar having the potential to cause water pollution, were also being burnt causing severe air pollution making it hazardous for the health of the local residents. The stench and obnoxious odour emitted from the dumping ground located on the northern side of Belghoria Express Way, added to the woes of not only of the people of the surrounding areas but also of the passers-by.	Please refer to Para -1 (A, B and C) & Para-3
Point-3	The principal question that fall for consideration of the Tribunal in this case is the implementation of the Solid Waste Management Rules, 2016 in dealing with the mountain of garbage at the site in question	Please refer to Para -3
Point-4	<ul style="list-style-type: none"> ✓ The response of the concerned Municipalities being Dum Dum, North Dum Dum, South Dum Dum, Baranagar and New Barracquire in the handling of solid waste was found to be far from satisfactory. ✓ The Department of Municipal Affairs and Kolkata Municipal Development Authority (KMDA) also were found to be casual in dealing with the matter. ✓ The records would reveal the lack of coordination amongst the Municipalities, the KMDA and the Department of Municipal Affairs, Government of West Bengal. ✓ Actions taken by the Municipalities, the KMDA and the Department of Municipal Affirms, Government of West Bengal were discordant and disorganized. 	Please refer to Para - 2 and Para-3
Point-5	<p>A project of ₹55.73 crores had been considered for scientific management of garbage and its disposal for the use of the Dum Dum Municipality, North Dum Dum Municipality, South Municipality and the Baranagar Municipality. Six weeks' time had been granted for preparation of a comprehensive DPR covering all aspects. Statement had been made by Mr. Sudip Kumar Dutta, the learned Government Counsel appearing for the Department of Urban Development and Municipal Affairs, to the effect that the Department had already undertaken various steps indicated in an affidavit filed on 07.03.2017.</p> <ul style="list-style-type: none"> ✓ Directions was thus passed upon the Department to file a report giving details of the progress made in respect of the steps stated to have been taken by them 	Please refer to Para -1 Para -2 and Para-3
Point-6	<p>It may be relevant to note that this case has been placed before us today for the first time after it was heard on 08.11.2017, i.e., after a period of almost 3 years.</p> <ul style="list-style-type: none"> ✓ We, therefore, expect that all actions necessary for dealing with the issue involved in the case have been completed in accordance with the Solid Waste Management Rules, 2016. It may also be relevant to note that in O.A. No. 606/2018(Compliance of Municipal Solid Waste Management Rules, 2016), the Tribunal has been passing directions from 	Please refer to Para -1 Para -2 and Para-3

Point No.	Direction of Hon'ble NGT	Compliance
	time to time upon all the States for taking steps for dealing with the solid waste as well as liquid waste and responsibility has been cast upon the Chief Secretary of the States to coordinate the action	
Point-7	We, therefore, direct the Chief Secretary, Government of the Government of West Bengal, to submit a report on the present status in respect of the implementation of the Solid Waste Management Rules, 2016 with particular reference to the present dumping ground of Promodhnagar /Rajivnagar	Please refer to Para -1 Para -2 and Para-3
Point-8	The report be filed within 30 days from 04.06.2020.	Under preparation

Action taken report on Promodhnagar/Rajivnagar Cluster Project of Dum Dum, North Dum Dum, South Dum Dum and Baranagar Municipalities on Septage Management and Solid Waste Management in compliance of Hon'ble NGT Order O.A. No. 70/2016 (EZ)with O.A. No. 43/2017 (EZ) dated 04.06.2020

Point No.2 of the Direction:

The garbage and municipal solid wastes dumped at the Promodhnagar /Rajivnagar having the potential to cause water pollution, were also being burnt causing severe air pollution making it hazardous for the health of the local residents. The stench and obnoxious odour emitted from the dumping ground located on the northern side of Belghoria Express Way, added to the woes of not only of the people of the surrounding areas but also of the passers-by:

Action Taken:

1. Dum Dum, South Dum Dum, North Dum Dum, Baranagar and New Barrackpore Municipalities used to dump their daily collected solid waste at 22.06 acre land of Promodhnagar/ Rajibnagar (beside Belghoria Express Way) situated at Ward no. 3 of South Dum Dum Municipality. It was observed that around 7 lakh tons of legacy waste with heaps of garbage of 10-12 meter height lying at the site and everyday 779 Tons Per Day (TPD) of fresh solid waste and 60 Kilolitre Per Day (KLD) septage being dumped by these 5 ULBs. State Government had realized that the garbage and septage being dumped at this place are causing environmental pollution (air/ water) making it hazardous for the health of the local residents. The stench and obnoxious odour emitted from the dumping ground adds to the woes not only for the inhabitants of surrounding areas but also for the passers-by.

In the context above, State Government in the Urban Development and Municipal Affairs Department had decided to take up the following projects at the Promodhnagar/ Rajibnagar site:

- A. Integrated Septage Treatment Plant for South Dum Dum Municipality under Atal Mission for Rejuvenation and Urban Transformation (AMRUT) with a total project cost of Rs.8.10 crore.
 - B. Integrated Septage Treatment Plant for Dum Dum, North Dum Dum and Baranagar Municipalities funded under the State Budget at a total project cost of Rs.9.15 crore.
 - C. Integrated Solid Waste Management Project for Dum Dum, North Dum Dum, South Dum Dum and Baranagar Municipalities under Swachh Bharat Mission/ Mission Nirmal Bangla (U)with a total project cost of Rs.55.73 crore.
- A. Integrated Septage Treatment Plant for South Dum Dum Municipality under Atal Mission for Rejuvenation and Urban Transformation (AMRUT) with a total project cost of Rs.8.10 crore has been fully commissioned:
- 30 KLD capacity Integrated Septage Treatment Plant commissioned in 0.562 acres land at Promodhnagar/ Rajibnagar site.
 - The Project has the following components.

Sl. No.	Project Component	Status
1	Construction of 30 KLD Septage Treatment Plant.	Completed
2	Augmentation and Refurbishment of existing Cesspool/ Night Soil Chamber.	Completed
3	Construction of approach road	Completed
4	Supply of Cesspool	Completed

- Activities undertaken by this Septage Treatment Plant:

The Night Soil of the Municipal area is collected from house to house night soil chamber by cesspool and brought to the treatment plant and dumped in the Dumping Station which then pass through the Anaerobic Lagoon and from there to the Lime Stabilization unit. After lime stabilization, the output is sent to the Sludge Drying Bed. The controlled effluent is sent to the outlet for final discharge.

B. Integrated Septage Treatment Plant for Dum Dum, North Dum Dum and Baranagar Municipalities under State Budget with a total project cost of Rs.9.15 crore is in progress:

- 30 KLD capacity Integrated Septage Treatment Plant under construction in 0.562 acre land at Promodhnagar/ Rajibnagar site.
- The Project has the following components.

Sl. No.	Project Components	Status
1	Construction of 30 KLD Septage Treatment Plant.	Under construction
2	Augmentation and Refurbishment of existing Cesspool/ Night Soil Chamber.	Under construction
3	Construction of approach road	Under construction
4	Supply of Cesspool	Under tender stage

- Activities to be undertaken by this Septage Treatment Plant:

The Night Soil of the Municipal area to be collected from house to house night soil chamber by cesspool and brought to the treatment plant and dumped in the Dumping Station which then will be pass through the Anaerobic Lagoon and from there to the Lime Stabilization unit. After lime stabilization, the output will be sent to the Sludge Drying Bed. The controlled effluent will then be sent to the outlet for final discharge.

- This project is expected to be commissioned within June,2021.

C. Integrated Solid Waste Management Project for Dum Dum, North Dum Dum, South Dum Dum and Baranagar Municipalities under Swachh Bharat Mission/ Mission Nirmal Bangla (U) with a total project cost of Rs.55.73 crore:

- Urban Development & Municipal Affairs Department had initiated a Solid Waste Management Cluster Project of Dum Dum, North Dum Dum, South Dum Dum and Baranagar Municipalities with dumping ground at 22.06 acres of land in Promodhnagar/Rajiv Nagar situated at Ward No. 3 of South Dum Dum Municipality under Mission Nirmal Bangla/Swachh Bharat Mission (Urban).As per approval of State Level High Powered Committee on 05.01.2017 and subsequent approval by the Ministry of Housing & Urban Affairs, Government of India on 27.04.2017 with a total project cost of Rs.55.73 crore, the project has been initiated. Kolkata Metropolitan Development Authority (KMDA) is the Implementing agency. The Project Component wise progress of work noted below:

Sl No.	Project Component	Status
1	Procurement and Supply of Machinery, Equipments for collection, transportation and disposal	<ul style="list-style-type: none"> • 539602 household bins (green and blue) supplied to these 4 Municipalities and they have distributed to the households. • 2000 community bins with 240 litres capacity and 2700 litter bins with 100 litres capacity supplied to the 4 Municipalities and they have placed. • Pay-loader, Road Sweeping Machine, Cesspool Emptier, Stationary Compactor and Mobile

SI No.	Project Component	Status
		Compactor have been supplied to all the Municipalities.
2	Development of Landfill Site including View Barrier, Site Development and Grass Covering at 5 acres	View Barrier of 296 meter long has been constructed. 80% of SLF construction of 19600 meter in 4 acres of land completed.
3	Construction of 2 Bio Gas Plants of capacity 25 TPD each (total 50 TPD)	<ul style="list-style-type: none"> • 1st and 2nd call of Expression of Interest (Eoi) for installation and setting up of 2 bio-gas plant were not responsive due to lack of sufficient bidders. • Fresh call invited with some modification of specification like design, drawing and construction of 2 units with generation of electricity on turnkey basis including all electro mechanical work and one year O&M invited. This time also the tender did not mature.
4	Windrow Composting Plant (50 TPD) with Compost Pad and Structural Shed, procurement & installation of electro- mechanical component of compost plant and civil works like Administrative Building, Car Wash Shed, Sorting Yard, Guard Room, Weigh Bridge, Laboratory Building & set up etc.	<ul style="list-style-type: none"> • Shifting of dumped material for clearing 2 acres of land for installation of compost plant completed. • Soil testing and investigation for finding different parameters of soil, structural design of different components of compost plant, 149 piles with pile cap completed. • Casting of concrete pad (base slab) completed. • Casting of columns completed. • Fabrication of steel super structure (4500 sq meter) completed. • Overall progress of civil construction is 99%.

2. In the light of the findings and observations of the Regional Monitoring Committee / State Level Committee and considering the lack of efficacy of the present methodology, the State Government in the UD&MA Department decided to make a departure from the model followed so far and adopted a new model for sustainable and scientific management of Solid Waste in compliance of Solid Waste Management Rules, 2016 and subsequent orders of Hon'ble NGT. The revised activities are:

- As sustainability of a solid waste management processing plant is contingent on availability of sufficient amount of waste, hence, State Government has included another 2 ULBs – Kamarhati and New Barrackpore Municipalities with this cluster project of Baranagar, Dum Dum, North Dum Dum and South Dum Dum.
- Due to limitation of technical expertise and managerial competence of the 6 ULBs, State Government has notified State Urban Development Agency (SUDA) to implement and monitor this cluster project. This also sufficiently addressed the problem of lack of coordination among the related ULBs.
- Finance Department's empaneled Transaction Advisor- Ernst & Young has been engaged for preparation of Technical Feasibility Report (TFR) for legacy waste removal, land reclamation, scientific processing of 100% fresh bio-degradable waste, establishment of Material Recovery Facility (MRF) for non bio degradable recyclable waste and establishment of Sanitary Landfill Site (SLF) for disposal of inert waste. The Transaction Advisor has submitted the TFR and accordingly the tender for the engagement of agency for legacy waste removal, scientific processing of 100% fresh bio-degradable waste, establishment of Material Recovery Facility (MRF) for non bio degradable

- recyclable waste and establishment of Sanitary Landfill Site (SLF) along with the provision of 20 years Operation & Maintenance has been invited.
- In the 1st call floated on 30.12.2019, the tender was cancelled due to non participation of bidder.
 - Subsequently, UD & MA Department referred the matter to Finance Department for modifying the bid document to make it attractive for the bidders. Finance Department has concurred on 19.03.2020 with the following observations and estimated project cost is Rs.855.77 crore for 20 years:
 - ✓ Earnest Money Deposit (EMD) : The EMD may be Rs.10 Lakhs or 2% of project cost, whichever is lower.
 - ✓ Security Deposit (SD): The SD may be deducted as 10% from the RA Bills.
 - ✓ Credential: The Tender Inviting Authority (TIA) has been given the authority to amend the credential as per the project contours and the level of participation / interest as envisage in the tendering process from interested bidders for any applicable call(s).
 - As 'Complete Safety Restrictions' were enforced due to COVID-19 pandemic, the revised document of NIT incorporating the observation of Finance Department could not be invited.
 - 2nd call for the tender has been invited on 13.06.2020 with the following time schedule:
 - Closure of submission: within 06.07.2020
 - Technical and financial Evaluation: within 12.07.2020
 - Award of Contract: within 25.07.2020 with concurrence of Finance Department
 - Implementation to be started for legacy waste removal: within 5th August, 2020 (If sufficient bidders participate)
 - Salient features of the 2nd call of NIT is placed below:
 - ✓ Bioremediation of legacy waste
 - ✓ Secondary collection and transportation
 - ✓ Integrated Compost and RDF facility plant of 630 TPD capacity
 - ✓ Bio methanation plant of 100 TPD capacity
 - ✓ Sanitary Landfill facility
 - Further, the Micro Planning Organization – Digambarpur Angikar has been engaged for assisting the ULBs in managing Solid Waste Management with regard to Capacity Building and Awareness generation.

Point No.3 of the Direction:

The principal question that fall for consideration of the Tribunal in this case is the implementation of the Solid Waste Management Rules, 2016 in dealing with the mountain of garbage at the site in question.

Action Taken:

In the light of the findings and observations of the Regional Monitoring Committee / State Level Committee and considering the lack of efficacy of the present methodology, the State Government in the UD&MA Department decided to make a departure from the model followed so far and adopted a new model for sustainable and scientific management of Solid Waste in compliance of Solid Waste Management Rules, 2016 and subsequent orders of Hon'ble NGT. The revised activities are:

- As sustainability of a solid waste management processing plant is contingent on availability of sufficient amount of waste, hence, State Government has included another 2 ULBs – Kamarhati and New Barrackpore Municipalities with this cluster project of Baranagar, Dum Dum, North Dum Dum and South Dum Dum.
- Due to limitation of technical expertise and managerial competence of the 6 ULBs, State Government has notified State Urban Development Agency (SUDA) to implement and monitor this cluster project. This also sufficiently addressed the problem of lack of coordination among the related ULBs.

- Finance Department's empaneled Transaction Advisor- Ernst & Young has been engaged for preparation of Technical Feasibility Report (TFR) for legacy waste removal, land reclamation, scientific processing of 100% fresh bio-degradable waste, establishment of Material Recovery Facility (MRF) for non bio degradable recyclable waste and establishment of Sanitary Landfill Site (SLF) for disposal of inert waste. The Transaction Advisor has submitted the TFR and accordingly the tender for the engagement of agency for legacy waste removal, scientific processing of 100% fresh bio-degradable waste, establishment of Material Recovery Facility (MRF) for non bio degradable recyclable waste and establishment of Sanitary Landfill Site (SLF) along with the provision of 20 years Operation & Maintenance has been invited.
- In the 1st call floated on 30.12.2019, the tender was cancelled due to non participation of bidder.
- Subsequently, UD & MA Department referred the matter to Finance Department for modifying the bid document to make it attractive for the bidders. Finance Department has concurred on 19.03.2020 with the following observations and estimated project cost is Rs.855.77 crore for 20 years:
 - ✓ Earnest Money Deposit (EMD) : The EMD may be Rs.10 Lakhs or 2% of project cost, whichever is lower.
 - ✓ Security Deposit (SD): The SD may be deducted as 10% from the RA Bills.
 - ✓ Credential: The Tender Inviting Authority (TIA) has been given the authority to amend the credential as per the project contours and the level of participation / interest as envisage in the tendering process from interested bidders for any applicable call(s).
- As 'Complete Safety Restrictions' were enforced due to COVID-19 pandemic, the revised document of NIT incorporating the observation of Finance Department could not be invited.
- 2nd call for the tender has been invited on 13.06.2020 with the following time schedule:
 - Closure of submission: within 06.07.2020
 - Technical and financial Evaluation: within 12.07.2020
 - Award of Contract: within 25.07.2020 with concurrence of Finance Department
 - Implementation to be started for legacy waste removal: within 5th August, 2020 (If sufficient bidders participate)
- Salient features of the 2nd call of NIT is placed below:
 - ✓ Bioremediation of legacy waste
 - ✓ Secondary collection and transportation
 - ✓ Integrated Compost and RDF facility plant of 630 TPD capacity
 - ✓ Bio methenation plant of 100 TPD capacity
 - ✓ Sanitary Landfill facility
- Further, the Micro Planning Organization – Digambarpur Angikar has been engaged for assisting the ULBs in managing Solid Waste Management with regard to Capacity Building and Awareness generation.

Point No.4 of the Direction:

- ✓ The response of the concerned Municipalities being Dum Dum, North Dum Dum, South Dum Dum, Baranagar and New Barrackpore in the handling of solid waste was found to be far from satisfactory.
- ✓ The Department of Municipal Affairs and Kolkata Municipal Development Authority (KMDA) also were found to be casual in dealing with the matter.
- ✓ The records would reveal the lack of coordination amongst the Municipalities, the KMDA and the Department of Municipal Affairs, Government of West Bengal.
- ✓ Actions taken by the Municipalities, the KMDA and the Department of Municipal Affairs, Government of West Bengal were discordant and disorganized.

Action Taken:

Hon'ble National Green Tribunal constituted Regional Monitoring Committee of NGT under the Chairmanship of Hon'ble Mr. Justice Jayanta Kumar Biswas, Former Judge, Calcutta Pradesh High Court vide O.A. No. 606/2018 dated 20.08.2018 and further constituted State Level Committee under the Chairmanship of Hon'ble Mr. Justice Jayanta Kumar Biswas, Former Judge, Calcutta Pradesh High Court vide O.A. No. 606/2018 dated 16.01.2019 for reviewing the activities of the State on SWM in compliance of SWM Rules, 2016 and subsequent orders of Hon'ble NGT time to time.

After threadbare discussion held in the Regional Monitoring Committee/ State Level Committee meetings with representation of several departments of the State Government as Committee Members along with Technical Experts in SWM, the entire Project has been reviewed and revisited with the following observations.

- Present model (as per SWM Rules, 2016) of solid waste collection and disposal involves awareness generation among the population, segregation at source, door to door collection by the municipal bodies, intermediate storage of the segregated waste so collected, setting up a transit storage points, transportation to the disposal ground for recycling, processing (Bio-gas, RDF, Compost as required) and finally inerts to the scientific landfill with the residue.
- The committee appreciated the limited technical capability, financial resources and managerial competence of ULBs in the scientific management of solid waste. As a result, despite substantial investment the efforts have not yielded in any substantive improvement in Solid Waste Management.
- Further, the earlier DPR was prepared based on the direction of SWM Rules, 2000 where major inclusions of SWM Rules, 2016 were not included like collection of waste in segregated manner, 100% processing of 600 TPD bio-degradable waste, Material Recovery Facility (MRF) for non-biodegradable waste and scientific disposal of inert waste in Sanitary Landfill (SLF) site, Legacy waste removal for land reclamation through bioremediation, IEC & public awareness, capacity building and operation & maintenance of processing plants and SLF for considerable period.
- As a result, State Government has notified State Urban Development Agency (SUDA) to implement and monitor this cluster project. This also sufficiently addressed the problem of lack of coordination among the related ULBs.
- Finance Department's empaneled Transaction Advisor- Ernst & Young has been engaged for preparation of Technical Feasibility Report (TFR) for legacy waste removal, land reclamation, scientific processing of 100% fresh bio-degradable waste, establishment of Material Recovery Facility (MRF) for non bio degradable recyclable waste and establishment of Sanitary Landfill Site (SLF) for disposal of inert waste. The Transaction Advisor has submitted the TFR and accordingly the tender for the engagement of agency for legacy waste removal, scientific processing of 100% fresh bio-degradable waste, establishment of Material Recovery Facility (MRF) for non bio degradable recyclable waste and establishment of Sanitary Landfill Site (SLF) along with the provision of 20 years Operation & Maintenance has been invited.
- In the 1st call floated on 30.12.2019, the tender was cancelled due to non participation of bidder.
- Subsequently, UD & MA Department referred the matter to Finance Department for modifying the bid document to make it attractive for the bidders. Finance Department has concurred on 19.03.2020 with the following observations and estimated project cost is Rs.855.77 crore for 20 years:
 - ✓ Earnest Money Deposit (EMD) : The EMD may be Rs.10 Lakhs or 2% of project cost, whichever is lower.
 - ✓ Security Deposit (SD): The SD may be deducted as 10% from the RA Bills.

- ✓ Credential: The Tender Inviting Authority (TIA) has been given the authority to amend the credential as per the project contours and the level of participation / interest as envisaged in the tendering process from interested bidders for any applicable call(s).
- As 'Complete Safety Restrictions' were enforced due to COVID-19 pandemic, the revised document of NIT incorporating the observation of Finance Department could not be invited.
- 2nd call for the tender has been invited on 13.06.2020 with the following time schedule:
 Closure of submission: within 06.07.2020
 Technical and financial Evaluation: within 12.07.2020
 Award of Contract: within 25.07.2020 with concurrence of Finance Department
 Implementation to be started for legacy waste removal: within 5th August, 2020 (If sufficient bidders participate)
- Salient features of the 2nd call of NIT is placed below:
 - ✓ Bioremediation of legacy waste
 - ✓ Secondary collection and transportation
 - ✓ Integrated Compost and RDF facility plant of 630 TPD capacity
 - ✓ Bio methanation plant of 100 TPD capacity
 - ✓ Sanitary Landfill facility
- Further, the Micro Planning Organization – Digambarpur Angikar has been engaged for assisting the ULBs in managing Solid Waste Management with regard to Capacity Building and Awareness generation.

Point No.5 of the Direction:

A project of Rs.55.73 crores had been considered for scientific management of garbage and its disposal for the use of the Dum Dum Municipality, North Dum Dum Municipality, South Municipality and the Baranagar Municipality. Six weeks' time had been granted for preparation of a comprehensive DPR covering all aspects. Statement had been made by Mr. Sudip Kumar Dutta, the learned Government Counsel appearing for the Department of Urban Development and Municipal Affairs, to the effect that the Department had already undertaken various steps indicated in an affidavit filed on 07.03.2017.

Directions was thus passed upon the Department to file a report giving details of the progress made in respect of the steps stated to have been taken by them.

Action Taken:

1. Dum Dum, South Dum Dum, North Dum Dum, Baranagar and New Barrackpore Municipalities used to dump their daily collected solid waste at 22.06 acre land of Promodhnagar/ Rajibnagar (beside Belghoria Express Way) situated at Ward no. 3 of South Dum Dum Municipality. It was observed that around 7 lakh tons of legacy waste with heaps of garbage of 10-12 meter height lying at the site and everyday 779 Tons Per Day (TPD) of fresh solid waste and 60 Kilolitre Per Day (KLD) septage being dumped by these 5 ULBs. State Government had realized that the garbage and septage being dumped at this place are causing environmental pollution (air/ water) making it hazardous for the health of the local residents. The stench and obnoxious odour emitted from the dumping ground adds to the woes not only for the inhabitants of surrounding areas but also for the passers-by.

In the context above, State Government in the Urban Development and Municipal Affairs Department had decided to take up the following projects at the Promodhnagar/ Rajibnagar site:

- A. Integrated Septage Treatment Plant for South Dum Dum Municipality under Atal Mission for Rejuvenation and Urban Transformation (AMRUT) with a total project cost of Rs.8.10 crore.

- B. Integrated Septage Treatment Plant for Dum Dum, North Dum Dum and Baranagar Municipalities funded under the State Budget at a total project cost of Rs.9.15 crore.
- C. Integrated Solid Waste Management Project for Dum Dum, North Dum Dum, South Dum Dum and Baranagar Municipalities under Swachh Bharat Mission/ Mission Nirmal Bangla (U) with a total project cost of Rs.55.73 crore.

A. Integrated Septage Treatment Plant for South Dum Dum Municipality under Atal Mission for Rejuvenation and Urban Transformation (AMRUT) with a total project cost of Rs.8.10 crore has been fully commissioned:

- 30 KLD capacity Integrated Septage Treatment Plant commissioned in 0.562 acres land at Promodhnagar/ Rajibnagar site.
- The Project has the following components.

Sl. No.	Project Component	Status
1	Construction of 30 KLD Septage Treatment Plant.	Completed
2	Augmentation and Refurbishment of existing Cesspool/ Night Soil Chamber.	Completed
3	Construction of approach road	Completed
4	Supply of Cesspool	Completed

- Activities undertaken by this Septage Treatment Plant:
The Night Soil of the Municipal area is collected from house to house night soil chamber by cesspool and brought to the treatment plant and dumped in the Dumping Station which then pass through the Anaerobic Lagoon and from there to the Lime Stabilization unit. After lime stabilization, the output is sent to the Sludge Drying Bed. The controlled effluent is sent to the outlet for final discharge.

B. Integrated Septage Treatment Plant for Dum Dum, North Dum Dum and Baranagar Municipalities under State Budget with a total project cost of Rs.9.15 crore is in progress:

- 30 KLD capacity Integrated Septage Treatment Plant under construction in 0.562 acre land at Promodhnagar/ Rajibnagar site.
- The Project has the following components.

Sl. No.	Project Components	Status
1	Construction of 30 KLD Septage Treatment Plant.	Under construction
2	Augmentation and Refurbishment of existing Cesspool/ Night Soil Chamber.	Under construction
3	Construction of approach road	Under construction
4	Supply of Cesspool	Under tender stage

- Activities to be undertaken by this Septage Treatment Plant:
The Night Soil of the Municipal area to be collected from house to house night soil chamber by cesspool and brought to the treatment plant and dumped in the Dumping Station which then will be pass through the Anaerobic Lagoon and from there to the Lime Stabilization unit. After lime stabilization, the output will be sent to the Sludge Drying Bed. The controlled effluent will then be sent to the outlet for final discharge.
- This project is expected to be commissioned within June,2021.

C. Integrated Solid Waste Management Project for Dum Dum, North Dum Dum, South Dum Dum and Baranagar Municipalities under Swachh Bharat Mission/ Mission Nirmal Bangla (U) with a total project cost of Rs.55.73 crore:

- Urban Development & Municipal Affairs Department had initiated a Solid Waste Management Cluster Project of Dum Dum, North Dum Dum, South Dum Dum and Baranagar Municipalities with dumping ground at 22.06 acres of land in Promodhnagar/Rajiv Nagar situated at Ward No. 3 of South Dum Dum Municipality under Mission Nirmal Bangla/Swachh Bharat Mission (Urban). As per approval of State Level High Powered Committee on 05.01.2017 and subsequent approval by the Ministry of Housing & Urban Affairs, Government of India on 27.04.2017 with a total project cost of Rs.55.73 crore, the project has been initiated. Kolkata Metropolitan Development Authority (KMDA) is the Implementing agency. The Project Component wise progress of work noted below:

SI No.	Project Component	Status
1	Procurement and Supply of Machinery, Equipments for collection, transportation and disposal	<ul style="list-style-type: none"> 539602 household bins (green and blue) supplied to these 4 Municipalities and they have distributed to the households. 2000 community bins with 240 litres capacity and 2700 litter bins with 100 litres capacity supplied to the 4 Municipalities and they have placed. Pay-loader, Road Sweeping Machine, Cesspool Emptier, Stationary Compactor and Mobile Compactor have been supplied to all the Municipalities.
2	Development of Landfill Site including View Barrier, Site Development and Grass Covering at 5 acres	<p>View Barrier of 296 meter long has been constructed.</p> <p>80% of SLF construction of 19600 meter in 4 acres of land completed.</p>
3	Construction of 2 Bio Gas Plants of capacity 25 TPD each (total 50 TPD)	<ul style="list-style-type: none"> 1st and 2nd call of Expression of Interest (Eoi) for installation and setting up of 2 bio-gas plant were not responsive due to lack of sufficient bidders. Fresh call invited with some modification of specification like design, drawing and construction of 2 units with generation of electricity on turnkey basis including all electro mechanical work and one year O&M invited. This time also the tender did not mature.
4	Windrow Composting Plant (50 TPD) with Compost Pad and Structural Shed, procurement & installation of electro- mechanical component of compost plant and civil works like Administrative Building, Car Wash Shed, Sorting Yard, Guard Room, Weigh Bridge, Laboratory Building & set up etc.	<ul style="list-style-type: none"> Shifting of dumped material for clearing 2 acres of land for installation of compost plant completed. Soil testing and investigation for finding different parameters of soil, structural design of different components of compost plant, 149 piles with pile cap completed. Casting of concrete pad (base slab) completed. Casting of columns completed. Fabrication of steel super structure (4500 sq meter) completed. Overall progress of civil construction is 99%.

2. Hon'ble National Green Tribunal constituted Regional Monitoring Committee of NGT under the Chairmanship of Hon'ble Mr. Justice Jayanta Kumar Biswas, Former Judge, Calcutta Pradesh High Court vide O.A. No. 606/2018 dated 20.08.2018 and further constituted State Level Committee under the Chairmanship of Hon'ble Mr. Justice Jayanta Kumar Biswas, Former Judge, Calcutta Pradesh High Court vide O.A. No. 606/2018 dated 16.01.2019 for reviewing the activities of the State on SWM in compliance of SWM Rules, 2016 and subsequent orders of Hon'ble NGT time to time.

After threadbare discussion held in the Regional Monitoring Committee/ State Level Committee meetings with representation of several departments of the State Government as Committee Members along with Technical Experts in SWM, the entire Project has been reviewed and revisited with the following observations.

- Present model (as per SWM Rules, 2016) of solid waste collection and disposal involves awareness generation among the population, segregation at source, door to door collection by the municipal bodies, intermediate storage of the segregated waste so collected, setting up a transit storage points, transportation to the disposal ground for recycling, processing (Bio-gas, RDF, Compost as required) and finally inerts to the scientific landfill with the residue.
 - The committee appreciated the limited technical capability, financial resources and managerial competence of ULBs in the scientific management of solid waste. As a result, despite substantial investment the efforts have not yielded in any substantive improvement in Solid Waste Management.
 - Further, the earlier DPR was prepared based on the direction of SWM Rules, 2000 where major inclusions of SWM Rules, 2016 were not included like collection of waste in segregated manner, 100% processing of 600 TPD bio-degradable waste, Material Recovery Facility (MRF) for non-biodegradable waste and scientific disposal of inert waste in Sanitary Landfill (SLF) site, Legacy waste removal for land reclamation through bioremediation, IEC & public awareness, capacity building and operation & maintenance of processing plants and SLF for considerable period.
3. In the light of the findings and observations of the Regional Monitoring Committee / State Level Committee and considering the lack of efficacy of the present methodology, the State Government in the UD&MA Department decided to make a departure from the model followed so far and adopted a new model for sustainable and scientific management of Solid Waste in compliance of Solid Waste Management Rules, 2016 and subsequent orders of Hon'ble NGT. The revised activities are:
 - As sustainability of a solid waste management processing plant is contingent on availability of sufficient amount of waste, hence, State Government has included another 2 ULBs – Kamarhati and New Barrackpore Municipalities with this cluster project of Baranagar, Dum Dum, North Dum Dum and South Dum Dum.
 - Due to limitation of technical expertise and managerial competence of the 6 ULBs, State Government has notified State Urban Development Agency (SUDA) to implement and monitor this cluster project. This also sufficiently addressed the problem of lack of coordination among the related ULBs.
 - Finance Department's empaneled Transaction Advisor- Ernst & Young has been engaged for preparation of Technical Feasibility Report (TFR) for legacy waste removal, land reclamation, scientific processing of 100% fresh bio-degradable waste, establishment of Material Recovery Facility (MRF) for non bio degradable recyclable waste and establishment of Sanitary Landfill Site (SLF) for disposal of inert waste. The Transaction Advisor has submitted the TFR and accordingly the tender for the engagement of agency for legacy waste removal, scientific

processing of 100% fresh bio-degradable waste, establishment of Material Recovery Facility (MRF) for non bio degradable recyclable waste and establishment of Sanitary Landfill Site (SLF) along with the provision of 20 years Operation & Maintenance has been invited.

- In the 1st call floated on 30.12.2019, the tender was cancelled due to non participation of bidder.
- Subsequently, UD & MA Department referred the matter to Finance Department for modifying the bid document to make it attractive for the bidders. Finance Department has concurred on 19.03.2020 with the following observations and estimated project cost is Rs.855.77 crore for 20 years:
 - ✓ Earnest Money Deposit (EMD) : The EMD may be Rs.10 Lakhs or 2% of project cost, whichever is lower.
 - ✓ Security Deposit (SD): The SD may be deducted as 10% from the RA Bills.
 - ✓ Credential: The Tender Inviting Authority (TIA) has been given the authority to amend the credential as per the project contours and the level of participation / interest as envisage in the tendering process from interested bidders for any applicable call(s).
- As 'Complete Safety Restrictions' were enforced due to COVID-19 pandemic, the revised document of NIT incorporating the observation of Finance Department could not be invited.
- 2nd call for the tender has been invited on 13.06.2020 with the following time schedule:
 - Closure of submission: within 06.07.2020
 - Technical and financial Evaluation: within 12.07.2020
 - Award of Contract: within 25.07.2020 with concurrence of Finance Department
 - Implementation to be started for legacy waste removal: within 5th August, 2020 (if sufficient bidders participate)
- Salient features of the 2nd call of NIT is placed below:
 - ✓ Bioremediation of legacy waste
 - ✓ Secondary collection and transportation
 - ✓ Integrated Compost and RDF facility plant of 630 TPD capacity
 - ✓ Bio methenation plant of 100 TPD capacity
 - ✓ Sanitary Landfill facility
- Further, the Micro Planning Organization – Digambarpur Angikar has been engaged for assisting the ULBs in managing Solid Waste Management with regard to Capacity Building and Awareness generation.

Point No.6 of the Direction:

It may be relevant to note that this case has been placed before us today for the first time after it was heard on 08.11.2017, i.e., after a period of almost 3 years.

- ✓ We, therefore, expect that all actions necessary for dealing with the issue involved in the case have been completed in accordance with the Solid Waste Management Rules, 2016. It may also be relevant to note that in O.A. No. 606/2018(Compliance of Municipal Solid Waste Management Rules, 2016), the Tribunal has been passing directions from time to time upon all the States for taking steps for dealing with the solid waste as well as liquid waste and responsibility has been cast upon the Chief Secretary of the States to coordinate the action.

Action Taken:

Please refer to Point No. 5

Point No.7 of the Direction:

- ✓ We, therefore, direct the Chief Secretary, Government of the Government of West Bengal, to submit a report on the present status in respect of the implementation of the Solid Waste Management Rules, 2016 with particular reference to the present dumping ground of Promodhnagar /Rajivnagar.

Action Taken:

Report mentioned in **Point No. 5** .

Point No.8 of the Direction:

The report be filed within 30 days from 04.06.2020..

Action Taken:

Noted.

Before the National Green Tribunal, Eastern Zone Bench, Kolkata

Original Application No. 70/2016/EZ

With

Original Application No. 43/2017/EZ

Tribunal on its own motion (Regarding
Dumping of Garbages at Rajiv Nagar,
North 24 Parganas)

...Applicant(s)

Versus

The State of West Bengal and others.

....Respondent(s)

with

Green Nagarik

...Applicant(s)

Versus

The State of West Bengal and others.

....Respondent(s)

STATUS REPORT FILED BY THE CHIEF SECRETARY, GOVERNMENT
OF WEST BENGAL

I, Shri Rajiva Sinha, son of Late Dr.Ram Chandra Sinha, aged about 59 years, working for gain as Chief Secretary, Government of West Bengal having its office at Nabanna, 325, Sarat Chatterjee Road, Shibpur, Howrah – 711102 do hereby affirm and submit as follows :-

1. That I am holding the post of Chief Secretary, Government of West Bengal and I am acquainted with the facts and circumstances of the Original Applications and am competent to file the instant Affidavit before this Tribunal.

2. That this Affidavit is being affirmed by me pursuant to the solemn Order passed by this Hon'ble Tribunal on 04.06.2020.

3. That the State Government in the Urban Development and Municipal Affairs Department has undertaken the following projects at the Pramod Nagar/Rajiv Nagar site:

A. Integrated Septage Treatment Plant for South Dum Dum Municipality under Atal Mission for Rejuvenation and Urban Transformation (AMRUT) with a total project cost of Rs.8.10 crore has been fully commissioned, as per the following details:

(i) 30 KLD capacity Integrated Septage Treatment Plant has been commissioned in 0.562 acre land at Pramod Nagar/Rajiv Nagar site, with following components:

Sl. No.	Project Component	Status
1	Construction of 30 KLD Septage Treatment Plant.	Completed
2	Augmentation and Refurbishment of existing Cesspool/Night Soil Chamber.	Completed
3	Construction of approach road	Completed
4	Supply of Cesspool	Completed

(ii) Activities undertaken by this Septage Treatment Plant:

The night soil of the municipal area is collected from house to house night soil chambers by Cesspool and brought to the treatment plant and dumped in the Dumping Station which then passes through the Anaerobic Lagoon and from there to the Lime Stabilization Unit. After lime stabilization, the output is sent to the Sludge Drying Bed. The controlled effluent is further sent to the outlet for final discharge.

B. Integrated Septage Treatment Plant for Dum Dum, North Dum Dum and Baranagar Municipalities under State Budget with a total project cost of Rs.9.15 crore is in progress:

(i) This is a 30 KLD capacity Integrated Septage Treatment Plant under construction on 0.562 acre land at Pramod Nagar/Rajiv Nagar site.

(ii) The Project has the following components:

Sl. No.	Project Components	Status
1	Construction of 30 KLD Septage Treatment Plant.	Under construction

2	Construction of approach road	will be Commissioned by June, 2021
3	Supply of Cesspool	

(iii) Activities to be undertaken by this Septage Treatment Plant:

The night soil of the municipal area of Dum Dum, North Dum Dum and Baranagar Municipalities to be collected from house to house night soil chambers by Cesspool and brought to the treatment plant and dumped in the Dumping Station which will then pass through the Anaerobic Lagoon and from there to the Lime Stabilization Unit. After lime stabilization, the output will be sent to the Sludge Drying Bed. The controlled effluent will then further be sent to the outlet for final discharge.

(iv) This project is expected to be commissioned within June, 2021.

Copy of some photographs showing the present status of the project are annexed herewith and marked as Annexure-R/1.

C. Integrated Solid Waste Management Project for Dum Dum, North Dum Dum, South Dum Dum and Baranagar Municipalities under Swachh Bharat Mission/ Mission Nirmal Bangla (Urban) with a total project cost of Rs.55.73 crore:

(i) Urban Development & Municipal Affairs Department initiated a Solid Waste Management Cluster Project of Dum Dum, North Dum Dum, South Dum Dum and Baranagar Municipalities with dumping ground at 22.06 acre of land in Pramod Nagar/Rajiv Nagar situated at Ward No. 3 of South Dum Dum Municipality under Mission Nirmal Bangla/ Swachh Bharat Mission (Urban). As per approval of State Level High Powered Committee on 05.01.2017 and subsequent approval by the Ministry of Housing & Urban Affairs, Government of India on 27.04.2017 (with a total project cost of Rs.55.73 crore), the project has been initiated.

(ii) Kolkata Metropolitan Development Authority (KMDA) is the Implementing agency. The Project Component-wise progress of work is noted below:

Sl No.	Project Component	Status
1	Procurement and Supply of Machinery, Equipments for collection, transportation and disposal	<p>(i) 5,39,602 household waste bins (green and blue) supplied to these 4 Municipalities and those have been distributed to the households.</p> <p>(ii) 2,000 community bins of 240 litre capacity each and 2700 litter bins with 100 litre capacity each, supplied to the 4 Municipalities and those have been placed.</p> <p>(iii) Pay-loader, Road Sweeping Machine, Cesspool Emptier, Stationary Compactor and Mobile Compactor have been supplied to these 4 Municipalities.</p>
2	Development of Landfill Site including View Barrier, Site Development	<p>(i) View Cutter/Barrier of 296 meter length has been constructed.</p> <p>(ii) 80% construction of Sanitary Landfill facility (SLF) in 4 acres of</p>

Sl No.	Project Component	Status
	and Grass Covering at 5 acres	land has been completed.
3	Construction of 2 Bio Gas Plants of capacity of 25 TPD each (total 50 TPD)	(i) 1 st and 2 nd call of Expression of Interest (EoI) for installation and setting up of 2 bio-gas plants could not fructify due to lack of sufficient number of bidders.
4	Windrow Composting Plant (50 TPD) with Compost Pad and Structural Shed, procurement & installation of electro-mechanical component of compost plant and civil works	<p>(i) Shifting of dumped material for clearing 2 acres of land for installation of compost plant has been completed.</p> <p>(ii) Soil testing and investigation for finding different parameters of soil, structural design of different components of the compost plant, 149 piles with pile cap have been completed.</p> <p>(iii) Casting of concrete pad (base slab) has been completed.</p>

Sl No.	Project Component	Status
	like Administrative Building, Car Wash Shed, Sorting Yard,	(iv) Casting of columns has been completed.
Sl No.	Guard Room, Weigh Bridge, Laboratory Building & set up etc.	(v) Fabrication of steel super structure (4500 sq meter) has been completed. (vi) Overall progress of civil construction is 99%.

4. That in the light of the findings and observations of the Regional Monitoring Committee/State Level Committee, and considering the limitations of the efficacy of the present methodology, the State Government in the Urban Development & Municipal Affairs Department decided to revisit the model followed so far and has adopted a revised model for sustainable and scientific management of Solid Waste for Pramod Nagar/Rajiv Nagar in compliance of Solid

Waste Management Rules, 2016 and subsequent orders of Hon'ble NGT. The revised strategy adopted for Pramod Nagar/Rajiv Nagar is as follows:

- (i) That as sustainability of a solid waste management processing plant is contingent on the availability of sufficient amount of waste, hence, the State Government has decided to include 2 more ULBs i.e. Kamarhati and New Barrackpore Municipalities with this cluster project of Baranagar, Dum Dum, North Dum Dum and South Dum Dum.
- (ii) That due to inherent limitations of technical expertise and managerial competence of the 6 ULBs, the State Government has notified the State Urban Development Agency (SUDA) to nodally implement and monitor this cluster project. This also suitably addresses the issue of effective coordination among the related ULBs.
- (iii) That the Finance Department's empanelled Transaction Advisor(TA) -Ernst & Young has been engaged for preparation of

Technical Feasibility Report (TFR) for legacy waste removal, land reclamation, scientific processing of 100% fresh bio-degradable waste, establishment of Material Recovery Facility (MRF) for non-bio degradable recyclable waste and establishment of Sanitary Landfill Facility (SLF) for disposal of inert waste. The Transaction Advisor has submitted the TFR and accordingly, a tender has been invited for the engagement of agency for legacy waste removal, scientific processing of 100% fresh bio-degradable waste, establishment of Material Recovery Facility (MRF) for non-bio degradable recyclable waste and establishment of Sanitary Landfill Site (SLF) along with the provision of 20 years Operation & Maintenance.

Copy of the Technical Feasibility Report submitted Ernst & Young vide letter dated 24th December,2019 is annexed herewith and marked as Annexure – R/2.

(iv) That in the 1st call floated on 30.12.2019, the tender had to be cancelled as sufficient number of bidders failed to participate.

(v) That subsequently, UD & MA Department referred the matter to Finance Department for modifying the Bid Document to invite a larger participation from the bidders. Finance Department granted concurrence on 19.03.2020 to the estimated project cost of Rs.855.77 crore for 20 years.

(vi) It may be stated that as 'Complete Safety Restrictions' /lock down restrictions had to be enforced due to COVID-19 pandemic, the revised document of NIT, incorporating the observations of the Finance Department, saw some delay for unavoidable reasons.

(vii) The 2nd call for the tender has been invited on 13.06.2020 as per the following timelines/ schedule:

a. Closure of submission: within 06.07.2020

b. Technical and Financial Evaluation: within 12.07.2020

c. Award of Contract: within 25.07.2020, with concurrence of Finance Department.

d. Implementation expected to be started within 5th August, 2020 (provided the 2nd call is sufficiently responsive and results in the selection of a suitable agency).

(viii) Components of the 2nd call of NIT are placed below:

- (a) Bioremediation of legacy waste
- (b) Secondary collection and transportation
- (c) Integrated Compost and RDF facility plant of 450 TPD capacity.
- (d) Bio methanation plant of 100 TPD capacity
- (e) Sanitary Landfill facility

(ix) For the 6 ULBs in the project, the Micro Planning Organization has been engaged for assisting the ULBs in Solid Waste Management with regard to capacity building and awareness generation.

5. That with regard to the observations made by the Hon'ble Tribunal, in handling of the solid waste in the municipalities of Dum Dum, North Dum Dum, South Dum Dum, Baranagar and New Barrackpore, it is respectfully submitted that State Government has the utmost sincerity in implementation of Solid Waste Management Rules, 2016 in all ULBs, including the ULBs under discussion.

6. As maturing of tender for Pramod Nagar/Rajiv Nagar Solid Waste Management Project could take some time and considering the need for early removal of legacy waste at the site, UD&MA Department has engaged an expert agency for removal of legacy waste following the 'Pirana' model and the model followed at the Dhapa dumping ground by Kolkata Municipal Corporation. The process of removal of legacy waste has already been started at the Pramod Nagar/Rajiv Nagar site and thus the compliance of the direction of Hon'ble NGT has started.

7. As directed in paragraph 7 of the Hon'ble NGT's order dated 04.06.2020, an upto-date list of the State's initiatives and achievements in the areas of solid waste management, liquid waste management and river rejuvenation etc as per Hon'ble NGT's direction passed in OA No 606/2018 is annexed at Annexure- R/3.

8. That State Respondent would further like to submit that we are seriously implementing COVID Bio-medical Waste Management by strictly following CPCB's Guidelines. COVID bio medical waste is collected in earmarked yellow bags from hospitals, quarantine centres, clinics and quarantine homes and are treated by CBWTFs throughout the State. The total COVID waste generated and processed till 20.06.2020 was 3,83,715 kg.

9. That, the undersigned personally reviews, from time to time, the progress of work at Pramod Nagar/Rajiv Nagar and other solid waste management issues, the last of such review being on 28.05.2020 with the stake holders/ Departments.

10. Thereafter, as per my instruction, Principal Secretary, Department of Environment and the Principal Secretary, UD&MA Department reviewed the progress on 2.6.20. The matter was again

reviewed by the State level Committee chaired by Justice Jayanta Kumar Biswas on 19.06.2020. Although, for unavoidable reasons we have lost some precious time due to lockdown restrictions, the State administration is sincerely gearing up to achieve the targets as per timelines given by Hon'ble NGT.

That the above reply is true to my knowledge and belief, which I derive from the office records.

DEPONENT

VERIFICATION

I, Rajiva Sinha, Chief Secretary, Government of West Bengal, do hereby verify that the contents of the report in the form of affidavit are true to the best of my knowledge and belief.

Verified at Kolkata this day of June, 2020.

DEPONENT

SOLID WASTE RULES, 2016 (O.A. 606/2018)**Status Report as on 30.06.2020**

	Issues	Agency	Action Taken (so far)
1.	Solid Waste Management in ULBs (including Ganga towns)	UD&MA	<p>Waste Segregation and Collection:</p> <ul style="list-style-type: none"> • U LBs have started door-to-door collection of waste in 2,644 wards out of 2,938 wards. 100% target to be achieved within January, 2021. • T The system of sweeping of roads/ghats and places of importance has commenced in all wards (100%). • O Out of 2,938 wards, system of waste segregation at source has been started in 588 wards (20%). 100% target to be achieved within March, 2021. • Fo Following equipment procured and supplied to ULBs: a) 11 7 dumpers to 116 ULBs

Issues	Agency	Action Taken (so far)
		<p>b) 27 3 Fuel- operated Tippers to 120 ULBs</p> <p>c) 70 Battery- Operated Tippers to 5 ULBs</p> <p>d) 20 9 movable compactors and 21 stationary compactors alongwith 17 hook loaders to all ULBs.</p> <p>e) 21 lakh household waste bins (blue and green) have been supplied to ULBs.</p> <p>f) W ork order has been issued for 39 lakh additional bins. All households will receive bins within December, 2020.</p> <p>g) Bid processes and supply of bins/vehicles have been hampered due to outbreak of COVID-19. To cite an instance, work order for supply of 9,88,268 household bins was issued on 19.02.2020, but could</p>

	Issues	Agency	Action Taken (so far)
			<p>not be supplied within stipulated time, i.e. 18.05.2020.</p> <ul style="list-style-type: none"> • Annual Report on SWM in Form-IV has been submitted by all ULBs for the Calendar year 2019. • Annual Report on Plastic Waste Management (PWM) in Form-V have been submitted by 120 ULBs. Remaining will be submitted within July, 2020. <p>Scientific waste disposal:</p> <p>Measures taken for collection and transportation of segregated waste, generation of public awareness and integrated processing of waste:</p> <p>a) Cluster Approach: Tenders for 3 clusters covering 17 ULBs have been floated; however, the tenders did not fructify. Now, 2nd call for tender regarding Cluster-I (Rajiv Nagar/Promodhnagar) has been floated on 13.06.2020 and is to be opened on 06.07.2020. Similarly for cluster -III (Ashokenagar</p>

Issues	Agency	Action Taken (so far)
		<p>cluster) and IV (Baidyabati cluster) 2nd call has been floated on 30.06.2020. For Cluster-II ('Patharghata' cluster), Bidhannagar Municipal Corporation has floated a tender for bio-mining at Mollar Bheri site where only one bidder participated. The file has been referred to Finance Department for acceptance of rates. The tender for the remaining part of Cluster-II is going to be floated by Kolkata Municipal Corporation very soon.</p> <p>For the rest of the ULBs, standalone method has been adopted and tenders will be floated within November, 2020.</p> <p>b)Micro Planning: 124 ULBs were assigned Micro Planning Organizations for preparation of micro plan. DPR on SWM of 124 ULBs have been prepared and shared with ULBs. Accordingly, ULBs are going to float tenders for legacy waste removal, composting/ bio methanation, MRF, etc.</p>

	Issues	Agency	Action Taken (so far)
			<p>c) The Centre for Environment and Education, a Centre of Excellence under Ministry of Environment & Forest, Government of India has been engaged as the State - level IEC agency for development of communication plan, training plan and training module on waste disposal. Communication plan for awareness generation on solid waste management has been prepared.</p> <p>d) A State-level logo and slogan competition was organized on scientific waste disposal in the month of September, 2019. Another competition is again scheduled in December, 2020.</p> <p>e) Self-Help Group - based publicity campaign in ULBs was organized in September, 2019 involving more than 50,000 SHGs. Similar campaigns are planned in December, 2020 also.</p> <p>f) Eco-friendly products and products from waste materials are being promoted as alternative to</p>

Issues	Agency	Action Taken (so far)
		<p>plastics through fairs.</p> <p>g) A Hand Book has been prepared on SWM and leaflets have been circulated to all ULBs.</p> <p>h) A booklet on Solid Waste Management “Barjo Babosthaponar Sahoj Path” in Bengali, Hindi (“Kachra Prabandha ka Sahaj Path”) and English (“SOLID WASTE MANAGEMENT : A PRIMER”) versions has been published and circulated widely.</p> <p>i) Capacity building training of rag pickers has commenced and is to be completed by December, 2020.</p> <p>Sanitary Landfill Facility :</p> <ul style="list-style-type: none"> • C constructed at Baidyabati for 6 ULBs with the assistance by Japan International Cooperation Agency (JICA). The existing Sanitary Landfill will be fully utilized for the Integrated SWM project for Cluster-IV. • As per the requirement of DPR, the

	Issues	Agency	Action Taken (so far)
			work for establishing legacy waste and fresh waste treatment facilities by the ULBs will commence within November, 2020 and concurrently, sanitary landfill sites will also be made available.
2.	Solid Waste Management in the Ganga towns. (List of Ganga towns	UD&MA, SUDA, ULBs and SPMG	<ul style="list-style-type: none"> • 6 43 Ghats have been identified by ULBs for taking measures for prevention of pollution in river Ganga. • 4 02 drains have been identified for setting up of net screens for containment of discharge of solid waste to river Ganga. Out of that, 400 drains have been provided with screens by ULBs and other parastatals. • In In stallation of net screens is technically not feasible in 2 drains of Howrah Municipal Corporation. • In 643 Ghats, 1,246 bins (green & blue) have been placed. • IE

	Issues	Agency	Action Taken (so far)
			<p>C activities have been initiated at all ghats.</p> <ul style="list-style-type: none"> • Al 1 identified ghats are cleaned everyday by the ULBs.
3.	Solid Waste Management in Kolkata Municipal Corporation	KMC	<p>Existing Status:</p> <p>a. To tal sewage generation in KMC area : 1400 MLD</p> <p>b. Se wage Treatment :</p> <p>i. 91 0 MLD is treated naturally in East Kolkata Wetland</p> <p>ii. 17 9 MLD is treated by 5 STPs.</p> <p>iii. 28 7 MLD is going to be treated with 10 STPs of varying capacity</p> <p>c. To tal Garbage Collection: approx 4500 MT per day.</p> <p>d. T wo dumping sites – one at Dhapa and the other at Garden Reach Disposal Ground.</p>

	Issues	Agency	Action Taken (so far)
			<p>e. 58 CCTV cameras have been made operational at Dhapa.</p> <p>f. W ork order for “GPS based Vehicle Tracking System” has been issued.</p> <p>Solid Waste Management Rules, 2016 :</p> <ul style="list-style-type: none"> • A Master Plan has been prepared by KMC. The project will be implemented with the financial assistance of the Asian Development Bank (ADB). The Department of Economic Affairs, Government of India had given an in – principle approval on 18.12.2019 for a project of US\$ 500m. However, in the 105th screening meeting of DEA held on 18th March, 2020, the Committee dropped the project proposal. It has been decided to send a revised proposal to DEA at the earliest. • W

Issues	Agency	Action Taken (so far)
		<p>aste segregation at source is going on in 27 wards.</p> <ul style="list-style-type: none"> • Remaining 117 wards will be covered by March, 2021. Re • Door- to- door Waste collection: Going on in all 144 wards. D <p>Transfer Station:-</p> <ul style="list-style-type: none"> • MC has already converted open storages of waste to scientifically-managed, waste compactor stations, which act as mini transfer station. 113 compactor stations have been installed in different locations in KMC area. K <p>Separate transportation:-</p> <ul style="list-style-type: none"> • MC has engaged separate agencies for transportation of non-biodegradable recyclable waste for resource recovery. K

	Issues	Agency	Action Taken (so far)
			<ul style="list-style-type: none"> <li data-bbox="785 353 1459 725"> C • Compartmentalization of vehicles (for biodegradable and non-biodegradable) for collection of different categories of waste will be completed within January, 2021. <li data-bbox="785 819 1459 1391"> Public sweeping: <ul style="list-style-type: none"> <li data-bbox="785 891 1459 1391"> K • MC has an arrangement to collect waste from sweeping of streets, lanes and bye-lanes regularly by KMC 'mazdoors', under West Bengal Urban Employment Scheme. In some places, sweeping is done in the evening shift also. <li data-bbox="785 1424 1459 1720"> 22 • Mechanical Sweepers of medium size and 20 Water Sprinklers are working throughout the city of Kolkata. <li data-bbox="785 1816 1459 2056"> Waste Processing :- <ul style="list-style-type: none"> <li data-bbox="785 1888 1459 2056"> Se • Separate space for segregation, storage, decentralized processing

	Issues	Agency	Action Taken (so far)
			<p>of solid waste has been demarcated. 100,000 sq.ft area at Dhapa disposal site, identified for sorting facility, will be functional from March, 2021.</p> <ul style="list-style-type: none"> • 46 decentralized Organic Waste Converters (OWC) are scheduled to be placed in different Boroughs by March, 2021. • M aterial Recovery Facilities (MRF) (separation of recyclable material) will be set up by March, 2021. • 6 PET Bottle Crushing Machines have been installed at New Market, Gariahat Market, College Street Market, Sisir Market and Ultadanga Market. • W indrow Composting of 500 TPD in PPP mode is in operation at the

	Issues	Agency	Action Taken (so far)
			<p>Dhapa site.</p> <p>Scientific land fill :</p> <ul style="list-style-type: none"> • 32 acres of land has been identified at Rasapunja, South 24 Parganas for scientific treatment and disposal of waste for Kolkata City. Acquisition is under process. Target Date: March, 2022. • Bi o-remediation project on 12.14 hectares land at Dhapa has been completed. <p>Bulk Waste Generators:</p> <ul style="list-style-type: none"> • K MC has already framed bye-laws for SWM Rules, 2016 where provisions have been made for the bulk waste generators to follow the Rules accordingly. Bye-laws have been notified by UD&MA Department on 20.03.2020. As per Rule 3 of SWM Rules 2016, Kolkata Municipal Corporation

Issues	Agency	Action Taken (so far)
		<p>shall notify Kolkata Municipal Corporation Solid Waste Management Bye Laws, 2020 in the Kolkata Gazette at the earliest.</p> <p>Construction & Demolition (C&D) Waste :</p> <ul style="list-style-type: none"> • K MC has a separate arrangement for collection of silt, rubbish and C&D waste to be used as a soil cover material at Dhapa land fill site. A 5.3 acre land has been identified at Central Jute Mill in South 24 Parganas for this project; process of acquisition and taking possession of land has been taken up. <p>2nd call of Tender for a 500 TPD C&D Plant was opened on 13.02.2020. A single bid was received and there were certain legal queries regarding the lone bidder. Due to the lock down, technical evaluation could not be processed further.</p>

	Issues	Agency	Action Taken (so far)
			<p>Target date :March, 2021.</p> <p>Monitoring Mechanism:</p> <ul style="list-style-type: none"> • Annual Report on SWM is regularly submitted by KMC in Form IV. A <p>Open burning of waste :</p> <ul style="list-style-type: none"> • Resolution in relation to O.A. No. 606 of 2018 and also in compliance of SWM Rules, 2016 has been passed in the Mayor-in-Council meeting to impose environmental compensation upon the offenders. There is a penalty of Rs.5,000 for simple burning of waste on land, including landfill sites, for each incident and Rs.25,000 for bulk waste burning on land, including landfill sites, for each incident of default. • Ten notices were issued within last month to offenders for open Te

	Issues	Agency	Action Taken (so far)						
			burning of waste on land, including land fill sites.						
4.	STPs in Ganga Town	KMDA KMC PHE	<p>Under KMDA – 36</p> <table border="1" data-bbox="733 524 1417 2065"> <tr> <td data-bbox="733 524 1075 703">STPs on river Ganga in different phases of execution</td> <td data-bbox="1075 524 1417 703">36</td> </tr> <tr> <td data-bbox="733 703 1075 1361">Operational STPs</td> <td data-bbox="1075 703 1417 1361"> 16 i. 7 STPs are fully operational as on 20.6.2020 ii. 9 STPs are partially operational and likely to become fully operational by August,2021 </td> </tr> <tr> <td data-bbox="733 1361 1075 2065">New STPs under construction</td> <td data-bbox="1075 1361 1417 2065"> 9 i. 4 STPs are likely to be completed by March, 2021. ii. 1 STP is likely to be completed by September,2021 iii. 1 STP is likely to be completed by February,2022 iv. 3 STPs are </td> </tr> </table>	STPs on river Ganga in different phases of execution	36	Operational STPs	16 i. 7 STPs are fully operational as on 20.6.2020 ii. 9 STPs are partially operational and likely to become fully operational by August,2021	New STPs under construction	9 i. 4 STPs are likely to be completed by March, 2021. ii. 1 STP is likely to be completed by September,2021 iii. 1 STP is likely to be completed by February,2022 iv. 3 STPs are
STPs on river Ganga in different phases of execution	36								
Operational STPs	16 i. 7 STPs are fully operational as on 20.6.2020 ii. 9 STPs are partially operational and likely to become fully operational by August,2021								
New STPs under construction	9 i. 4 STPs are likely to be completed by March, 2021. ii. 1 STP is likely to be completed by September,2021 iii. 1 STP is likely to be completed by February,2022 iv. 3 STPs are								

	Issues	Agency	Action Taken (so far)	
				likely to be completed by August, 2022.
			STPs presently non-functional but under renovation (likely to be completed by June, 2021)	6
			New STPs undertaken under HAM model: (Howrah, Bali and Kamarhati)	3 Financial closure formalities as per guidelines of NMCG being implemented by the agency.
			Newly Approved STP under tendering stage	1 (Mahestala Last date of bid submission under HAM Model 30 th September, 2020)
			STP under DPR stage	: 1 (in Hoogly Chinsura. Likely date of submission of the project report to NMCG for sanction September, 2020)
			Gap Ananlysis of existing/projected	

Issues	Agency	Action Taken (so far)
		effluent treatment capacity
		A) Effluent treatment capacity of existing 16 functional STPs 168.95 MLD
		B) Effluent treatment capacity of 9 under construction STPs 93.33 MLD
		C) Effluent treatment capacity of 6 non functional but presently under renovation STPs (likely to be completed by June, 2021) 60 MLD
		D) Effluent treatment capacity of 3 new STPs undertaken under HAM 187 MLD
		E) Effluent treatment capacity of 1 STP under tendering 35 MLD
		F) Effluent treatment capacity of 1 STP under DPR stage 29.30 MLD
		Projected sewerage treatment capacity at the completion of all STP projects (presently functional+Ongoing+approved) 573.58 MLD
		Sewerage generation in the catchment area 543.78 MLD (2011 Census)
		Projected GAP after full commissioning of 36 STPs Nil
		<u>Under KMC: 15</u>

	Issues	Agency	Action Taken (so far)
			<p>STPs Operational: 3</p> <p>Damaged STPs taken up for repair : 2 (1 taken up by KEIIP, completion within June, 2021 and the other taken up by KMC, AA & FS has been obtained from UD&MA Department. Tender to be opened on 23.07.2020).</p> <p>STPs under construction: 3 (completion by March, 2023)</p> <p>Tenders floated : 3 (Tollys' Nallah Project)</p> <p>Proposed STPs : 3</p> <p>(NMCG yet to approve the draft DPR for 2 STPs and the 3rd STP is linked with the next tranche of ADB loan)</p> <p><u>Under PHE: 6</u></p> <p>STPs Operational: 4</p> <p>STPs under different stages of up-gradation (non-operational): 2</p>
5.	Bioremediation and phyto remediation of the drains falling in river ganga	KMDA, KMC, Irrigation	As per Order of Hon'ble National Green Tribunal, bio-remediation is to be done as an interim measure for waste water treatment. Out of the 56 drains falling into Ganga, in 55 drains, bio-remediation is not possible as those are in tidal zone, as clarified by CPCB. KMDA is liable to pay compensation in respect of only

	Issues	Agency	Action Taken (so far)
			one drain (Jangipur drain)till commencement of remediation work. KMDA has deposited compensation amount of Rs 20 lakh to CPCB and has geared up to start bio-remediation shortly in Jangipur drain.
6.	Solid waste Management in the 8 Model Towns/ Cities (Asansol MC, Bidhannagar MC, Durgapur MC, Uttarpara-Kotrung, Rishra, Baidyabati, Haldia and Kalyani)	UD&MA	<ul style="list-style-type: none"> • T here are 310 wards in 8 Model Towns. Door-to-door collection has started in 293 wards (94.52%). Rest of the wards will be covered by October, 2020. • Se segregation of waste at source is in place in 92 wards (29.68%). Rest of the wards will be covered by January, 2021 • Mi cro Planning Organizations have completed the preparation of Action Plan for all 8 Model Cities/ Towns. • D PR on SWM in compliance of SWM

	Issues	Agency	Action Taken (so far)
			<p>Rules, 2016 have been prepared.</p> <ul style="list-style-type: none"> • C Compost plants are already functional in 3 Model Towns (Uttarpara-Kotrung, Baidyabati and Rishra). • R Waste pickers and bulk waste generators have been identified in all Model Towns. • C Capacity Building of elected representatives, officials and conservancy workers of the ULBs has been completed. • T The following equipment has been procured and supplied in 8 Model cities/ towns: <ul style="list-style-type: none"> a) 5,19,434 household bins (blue and green) b) 7 dumpers c) 94 Fuel operated Tippers d) 42 Battery-operated Tippers e) 171 tri-cycle vans • 13 2 notices to Bulk Waste

	Issues	Agency	Action Taken (so far)
			<p>Generators for segregation and processing of wastes have been issued.</p> <ul style="list-style-type: none"> • IE C activity has been started in all Model Cities/ Towns.
7.	Total Legacy Dumpsites (88)	UD & MA	<p>a) Bi dhannagar Municipal Corporation has floated a tender for bio-mining at Mollar Bheri where only one bidder participated. As per the Rules, the file has been referred to Finance Department for acceptance of rates offered by the lone bidder.</p> <p>b) D hapa: Tender for removal of 300 tons of waste per day was issued on 19.12.2019. The Work Order expired in April, 2020 (it was a short term contract). During this period, 25,535 MT of legacy waste was removed. KMC has extended the earlier work order in favour of M/S Eastern Organic fertilizer Pvt. Ltd. for a further period of 03 months.</p>

	Issues	Agency	Action Taken (so far)
			<p>Side-by-side, KMC has floated a separate re-tender for supplying of 02 segregating trommels, each having a capacity of 300 tons per day. The tender, floated on 11.06.2020, will be opened on 08.07.2020. The first call of the tender had to be cancelled because of the financial offer being unreasonably high.</p> <p>For long-term planning, a re-tender for bio mining of legacy waste (around 40 lakh MT) from the 60 acre land at Dhapa was published on 28.01.2020 and the technical bid was opened on 20.02.2020. The Bid Evaluation Committee asked for some documents from the bidders, and the evaluation process could not be completed due to the lock down.</p> <p>c)Tenders for Cluster-I (Pramodnagar) covering 6 ULBs, Cluster-III (Ashokenagar Kalyangarh) covering 3 ULBs and Cluster-IV (Baidyabati) covering 8</p>

Issues	Agency	Action Taken (so far)
		<p>ULBs were invited. But in spite of the best efforts of the UD&MA Department, none of the three tenders matured. Now, the 2nd call has been invited for all three clusters.</p> <p>d)The tender for bio-mining of legacy waste of 69 dump sites comprising 29 clusters in 69 ULBs has been floated by KMDA on 16.03.2020. Due to the lockdown, the pre-bid meeting with the potential bidders could not take place as per schedule and had to be postponed till 12.06.20. Seven potential bidders participated in the pre-bid meeting and the queries have been met and uploaded.</p> <p>Following the tender rules, the revised date of opening of Technical Bids is 2nd July, 2020. The bid finalization process is likely to be completed by 15.7.2020 and LOI may be issued shortly thereafter.</p> <p>Since the closure of the tenders will</p>

	Issues	Agency	Action Taken (so far)
			<p>take some more time, it has since been decided to opt for the Unbundling Method based on the 'Pirana' Model and work is expected to commence at all sites within November, 2020.</p>
8.	Plastic Waste Rules,2016	UD & MA, WBPCB	<ul style="list-style-type: none"> <li data-bbox="788 689 1477 1189"> W • BPCB has come out with a public notice to manufactures/ producers/ importers/ brand owners to prepare Action Plan for Extended Producers' Responsibility (EPR) under Plastic Waste Management Rules. <li data-bbox="788 1227 1477 1659"> • WBPCB is working with the Indian Plastic Federation and State Urban Development Authority (SUDA) to ensure compliance of Extended Producers' Responsibility (EPR) provisions. <li data-bbox="788 1697 1477 2051"> T • he State Board organized an interactive meeting on 13.03.2020 on Effective Implementation of Plastic Waste Management Rules, 2016 and its amendment to ensure

	Issues	Agency	Action Taken (so far)
			<p>effective implementation of EPR and also to expedite the disposal of plastic wastes generated at dumpsite of ULBs, big housing complexes, producers and industrial houses etc.</p> <ul style="list-style-type: none"> <li data-bbox="758 663 1428 1037"> <p style="text-align: right;">W</p> <p>• BPCB, in collaboration with Jadavpur University, has been doing inventorization of plastic waste in West Bengal for effective management of plastic waste.</p> <li data-bbox="758 1061 1448 1563"> <p style="text-align: right;">D</p> <p>• Department of Environment has already issued orders for a total ban on use of plastic bags, irrespective of size and thickness, in the hill areas, coastal areas, the Sunderbans and other ecologically-sensitive areas.</p> <li data-bbox="758 1592 1428 2022"> <p style="text-align: right;">A</p> <p>• Amendments of the West Bengal Municipal Act (Section 340), and the West Bengal Municipal Corporation Act (Section 96N) for banning plastic bags of below 50 microns have been notified.</p>

	Issues	Agency	Action Taken (so far)
			<ul style="list-style-type: none"> <li data-bbox="784 286 1478 660">• Al 1 ULBs have been directed to ban manufacturing and use of plastic carry bags having thickness below 50 microns as per Plastic Waste Management Rules, 2016. <li data-bbox="784 683 1478 996">• In itiatives have been taken to promote manufacturing and use of eco-friendly products as an alternative to plastics.
9.	SWM in 69 model Gram Panchayat	P & R D	<ul style="list-style-type: none"> <li data-bbox="784 1079 1478 1534">• B ased on the successful experience of 3 GPs, 69 GPs were identified for Scientific Waste Management. Learnings from these GPs will be taken up for emulation in the rest of the Panchayat areas. <li data-bbox="784 1556 1478 1736">• D PRs have been prepared for all 69 GPs. <li data-bbox="784 1758 1478 2049">• So lid waste is being segregated and collected from households in 52 GPs; action is the rest being expediated.

Issues	Agency	Action Taken (so far)
		<ul style="list-style-type: none"> <li data-bbox="733 271 1423 443">• C Compost is being produced at processing units in 44 GPs. <li data-bbox="733 465 1433 712">• Pl Plastic carry bags, having thickness less than 50 micron, have been banned in all 69 identified GPs. <li data-bbox="733 734 1439 913">• In Intensive IEC has been taken up in rural areas of the State. <li data-bbox="733 936 1448 1182">• Fa Fecal sludge management has started on a pilot basis in 2 peri-urban GPs. <p data-bbox="743 1196 1408 1308">Procedures followed in the identified gram panchayat areas are:</p> <ul style="list-style-type: none"> <li data-bbox="765 1330 1448 1711">• In Intensive IEC/ BCC interventions for behavioural change of community for reducing /re-using of waste and reduction of plastic waste is being done. <li data-bbox="765 1733 1448 1912">• H Household segregation of waste is being followed using 2 bins system <li data-bbox="765 1935 1448 2047">• Se

	Issues	Agency	Action Taken (so far)
			<p>condary segregation is being done at community processing unit.</p> <ul style="list-style-type: none"> • Composting of bio-degradable waste at household level is being stressed upon. • Selling of recyclable non-biodegradable waste to recyclers/waste collectors.
10.	CETP in industrial parks	West Bengal Industrial Development Corporation Limited (WBIDC) & West Bengal Industrial Infrastructure Development Corporation	<p>(1) There are no Critically Polluted Industrial Areas (CPAs) in West Bengal. We have only 3 Severely Polluted Industrial Areas (Bandel, Durgapur and Howrah) and 2 Other Polluted Industrial Areas (Asansol and Haldia).</p> <p>(2) Bandel, Hooghly: A Micro Small Medium Enterprise & T aided Silk Printing Cluster at Sreerampore is being developed. Silk Printing comes under Orange Category and, as such, a CETP is not required. Consent to Operate is being issued by WBPCB as per norms.</p> <p>(3)</p>

Issues	Agency	Action Taken (so far)
	n Limited (WBIIDC)	<p>urgapur, Paschim Burdhwan:</p> <p>(a) The Bengal Aerotropolis Project under Industries Commerce & Enterprise Deptt. with an envisaged industrial township is coming up. Kazi Nazrul Islam Airport is operational whereas the industrial township is still in the development phase.</p> <p>(b) Panagarh Industrial Park of WBIDC is for Red Category units wherein currently large units like Matix, HPCL, Emami Cements & Globus Spirits are operational following existing rules and norms.</p> <p>(c) Estates of WBSIDC including Rehabilitation Industrial Plot and Export Promotion Industrial park – these are multi product MSME Units with independent septic tanks and soak pits and as such do not require a STP.</p> <p>Howrah:</p> <p>(d) Gems & Jewellery Park – a modular based industrial park</p>

	Issues	Agency	Action Taken (so far)
			<p>developed by WBIDC has MSME manufacturing units in Jewellery sector. The park has been developed as a model modular industrial park wherein a 100 KLPD ETP and 300 KLPD STP are fully operational. Water body of over 0.5 acres has been retained and developed.</p> <p>(e) Regent SME Garment Park – This is a State aided Industrial Park (SAIP) under MSME & T Dept. The park is expected to have its independent CETP by the end of the first quarter of 2021. Construction works got delayed due to lockdown effect caused due to COVID-19 pandemic.</p> <p>(f) FCDA Foundry Park, Ranihati, Howarah – This is an MSME foundry cluster, supported by MSME & T Dept. Construction of STP is expected to be completed by the first quarter of 2021.</p> <p>(g) Rubber Park, Sankhrail, Howrah – This is a cluster of rubber manufacturing units which</p>

Issues	Agency	Action Taken (so far)
		<p>is under development. Supported by MSME & T Dept. STP work has commenced and is expected to be completed by mid-2021.</p> <p>(h) West Bengal Hosiery Park, Jagadishpur, Howrah – This is an MSME&T Department supported SAIP Park. The STP works is expected to be completed by mid-2021.</p> <p>(i) Asansol: There are no WBIDC/WBIIDC/WBSIDC/SAIP parks in this region.</p> <p>(j) Haldia:</p> <p>(i) Haldia Industrial Estate: 55 units are presently operational in the WBSIDC, Haldia Industrial Estate at Durgachak with multi-product industrial units which are under Green and Orange category and hence, there is no requirement of a CETP. The units have independent septic tanks and do not require construction of a common STP.</p> <p>(ii) Haldia Industrial Growth Center: Developed by WBIIDC.</p>

	Issues	Agency	Action Taken (so far)
			<p>Existing units like EXIDE have their independent ETPs and STPs. Haldia Industrial Park of WBIDC: This 300-acre industrial park is still under planning and development stage. Under the aegis of UD&MA Dept, approx. 3795 acres of land is being developed for industrial purposes in Haldia.</p> <p>It may also be taken note that strict enforcement of COVID lockdown was implemented due to which no unit was permitted to operate in vicinity of containment zones located in red zones.</p> <p>WBPCB has realized penalty from other polluting industrial units falling under Severely Polluted and Other Polluted areas.</p> <p>1. Ganga River Rejuvenation/ Discharge into river/sea:</p> <p>i) STPs are in-built in large stand-alone industrial units and units located in industrial parks/growth</p>

Issues	Agency	Action Taken (so far)
		<p>centers of WBIDC/WBIIDC</p> <p>ii) Modular-based industrial parks like Garment Park at Paridhan, Gems & Jewellery Park at Ankurhati and Manikanchan SEZ have common STP.</p> <p>iii) In WBSIDC industrial estates and few WBIDC/WBIIDC Industrial parks/growth centres, the system is integrated into the local municipal disposal system with no separate requirement for creation of STPs.</p> <p>2. Specific note on Calcutta Leather Complex: In Calcutta Leather Complex (CLC) Bantala, located in Kolkata/South 24 Parganas, there are 4 CETPs and 4 additional CETPs are in the pipeline, out of which 2 would be commissioned and completed by March, 2022. They are also approx. 76,000 trees in the sprawling 4.5 Sq.Km area where cyclone <i>Amphan</i> had caused damage to trees and uprooted several numbers. The debris has</p>

Issues	Agency	Action Taken (so far)
		<p>been cleared by the CLC Association. WBPCB is monitoring the issuance of new Consent to Operate permissions. There are 9 zones in the CLC having 6 Effluent Pumping Stations (EPS) for carrying effluents from the tanneries to the Common Effluent Treatment Plant (CETP). The waste water transportation network is approximately 22 KM. Effluent flows to the collection wells in 6 EPSs by gravity.</p> <p>Environmental Compensation</p> <ul style="list-style-type: none"> • WBPCB has identified 150 industries who have violated the environmental norms during the period 01.01.2019 to 20.06.2020 and imposed Rs 589.73 lakh as environmental compensation (EC) to the violating industries. • 108 industries have so far deposited EC of Rs 351.20 lakhs to WBPCB. <p>3. WBPCB has used the EC fund for abatement of air pollution.</p>

	Issues	Agency	Action Taken (so far)
11.	Action plan on 351 polluted river stretches in India and Rejuvenation of Water Bodies.(In west Bengal there are 17 river stretches)	WBPCB & KMDA	<ul style="list-style-type: none"> <li data-bbox="760 280 1434 571">● Action Plan for identified 17 polluted river stretches in West Bengal was submitted to CPCB in January – March, 2019. <li data-bbox="760 593 1434 1288">● Surface Water Quality of all the 17 river stretches is being monitored on monthly basis in 45 stations. It has been observed that BOD level for 8 river stretches (Karola, Kaljani, Teesta, Dwarakeswar, Mayurakshi, Rupnarayan, Barakar, Shilabati) have come down and is within the permissible limit. <li data-bbox="760 1310 1434 1691">● Monthly Progress Report is being submitted to Ministry of Jal Shakti, Govt of India and CPCB every month. Latest report has been sent on 26.06.2020. <li data-bbox="760 1713 1434 2027">● The West Bengal Pollution Control Board has already identified 48 Grossly Polluting Industries (GPI) (having pollution potential of BOD

	Issues	Agency	Action Taken (so far)
			<p>load more than 100 kg/day) and approximately 400 Seriously Polluting Industries(SPI) in the catchment areas of 17 Polluted River Stretches in West Bengal. The Effluent Treatment Plants (ETP) of GPIs and SPIs are already in place. All GPIs have installed online continuous effluent monitoring system. All these industries are under regular surveillance. Moreover, WBPCB is in the process of identifying all categories of water polluting industries in the catchment areas of identified polluted river stretches to assess industrial water consumption, waste water generation, existing treatment facilities and a gap analysis with respect to the industrial effluent management.</p> <p>The objective of this exercise is to minimize the water consumption per unit of production and finally to reduce dependability on ground/surface water. In this</p>

	Issues	Agency	Action Taken (so far)
			<p>regard, the State Board has already taken a program with support from the German Technical Corporation (giz).</p>
12.	<p>Illegal Sand Mining in Subarnarekha River</p>	<p>L & LR</p>	<p>Correspondence was taken up by the office of the Directorate of Land Records & Surveys, W.B with the Director, Land Records Surveys & Consolidation, Odisha .</p> <p>A meeting was conducted on 07/01/2020 to discuss in detail the survey procedures. Maps were handed by W.B. over to Odisha for checking and it was resolved that joint survey works would be started from 15/01/2020 after a joint meeting at Jaleswar, Odisha. Communication was made by Collector and District Magistrate, Balasore, Odisha on 19.03.2020 to fix a date for joint survey in the second week of April . This letter was received by District Magistrate , Paschim Medinipur on 14th May, 2020. Since the lockdown restrictions were imposed from last week of March' 20, and as the</p>

	Issues	Agency	Action Taken (so far)
			<p>official machinery got pre-occupied in various activities of Covid-19 management ,specifically the movement of migrant labourers, joint survey and demarcation work could not be undertaken for unavoidable reasons.</p> <p>6. Another attempt has been made for demarcation of boundaries in consultation with district administration, Balasore but due to the onset of monsoons and likelihood of water logging in the area, the work may not be completed until November 2020. Hence, further time is sought for joint survey and demarcation commencing from the second week of November, 2020.</p>
13.	Re-use of treated waste water from STPs	KMC KMDA, MED	<ul style="list-style-type: none"> • A policy regarding re-use of treated waste water has been submitted to CPCB. • St ate Government has envisaged a

	Issues	Agency	Action Taken (so far)
			<p>pilot project of re-use of waste water generated from 21 MLD STP with 2 units located at Kalyani, which will be re-used at the campus of Bidhan Chandra Krishi Vidyalaya, Kalyani Municipality and the surrounding industries. The DPR is currently under preparation and likely to be finalized within 31st July, 2020. Execution to be done within June, 2021.</p> <ul style="list-style-type: none"> • T he State will draft projects for water recycling & re-use with reference to the model Ballari Recycled Water Treatment Plant. <p>Action by KMC :</p> <ul style="list-style-type: none"> • K MC has mandated re-use of waste water for buildings with more than built-up area of 20,000 sqm, in the Building Rules. As per Rule no 145 of KMC Building Rules, 2009, waste water recycling system has been incorporated in 25 buildings

	Issues	Agency	Action Taken (so far)
			<p>and housing complexes exceeding 20,000 sq.mtr as per Environmental Impact Assessment Guideline issued by the State Govt./Govt. of India.</p> <p>EOI has been invited to explore the possibility of re-use of waste water. Opening of EOI was due on 19.02.2020. It was found that only 2 agencies participated.</p> <p>Accordingly, a revised tender document has been prepared and is under approval process.</p>
14.	E-Waste and Hazardous Waste	WBPCB	<ul style="list-style-type: none"> <li data-bbox="780 1216 1459 1451">• WPCB has authorized 4(four) Dismantler and Recyclers of e-waste in the State. <li data-bbox="780 1485 1459 2054">• In compliance of the order of Hon'ble NGT, WBPCB has undertaken the program for verification of quantity of e-waste collected by the producers and compliance of other action points involving NIELIT, Kolkata. WBPCB submits Quarterly Reports regularly to

	Issues	Agency	Action Taken (so far)
			<p>CPCB.</p> <ul style="list-style-type: none"> • W BPCB published Public Notice in daily newspapers, both English and Bengali, and also sent letter to the GST Council for identification of producers of electronic products in the State as per the direction of Hon'ble NGT to comply with e-Waste Management Rules 2016. • C Capacity building of stakeholders for compliance requirements of e-Waste Rules, 2016 has been undertaken by involving NIELIT, Kolkata. This is an ongoing process. • W BPCB has sought a proposal from the Department of Information Technology, GoWB for setting up of a common facility for e-waste management.
15.	Ground Water Extraction /Contamination and Re-	WRIDD	<p>Under the Jalatirtha Programme of the State Government:</p> <ul style="list-style-type: none"> • 10 10 Minor Irrigation Schemes have

	Issues	Agency	Action Taken (so far)
	Charge		<p>been completed for rain water harvesting.</p> <ul style="list-style-type: none"> • Around 300 km of old silted creeks have been re-excavated for rain water harvesting in saline coastal zone of Sunderbans.
16.		WBPCB, P&RD, Environment	<p>Initiative has been taken for setting up of 104 roof top rain water harvesting structures in different dry districts in West Bengal and work is in progress.</p>
17.		WRIDD	<p>Rooftop rain water harvesting conservation and artificial recharge to ground water by construction /re-excavation of pond tank.</p> <ul style="list-style-type: none"> • 141(=110 projects for roof top rain water harvesting conservation and artificial recharge to ground water + 31 Excavated Percolation Tanks) have been completed. • 21 projects for roof top rain water harvesting conservation and artificial recharge to ground water and 3 Percolation Tanks are under

	Issues	Agency	Action Taken (so far)
			<p>progress.</p> <ul style="list-style-type: none"> • 10 projects for roof top rain water harvesting conservation and artificial recharge to ground water have been initiated. 137 projects for roof top rain water harvesting have been completed.
18.	District Environment Management Plan	All District Magistrates	All District Magistrates have submitted District Environment Management Plans for their respective districts and the same are being compiled / collated.
19.	Bio Medical Waste	Health and Family Welfare	<ul style="list-style-type: none"> • In West Bengal, there are 7 Common Bio-Medical Waste Treatment Facilities (CBMWTF) across the State. Barcode system is already in place. It has been completed at the CBMWTF level. • State-Level Advisory Committee and District-Level Monitoring Committees have been formed. • W BPCB, in collaboration with

	Issues	Agency	Action Taken (so far)
			<p>National Productivity Council conducts training programme on BMW and other Waste Management Rules in the State.</p> <ul style="list-style-type: none"> • A Authorization process for all non-bedded medical facilities /HCU's is in progress. • W BPCB has undertaken the inventorisation of HCF in the state in collaboration with NPC. The work is in progress. • Initiative has been taken so that no biomedical waste is mixed with municipal solid waste. Department of Health & Family Welfare issued a Notification on 25.03.2020 that services of bio medical waste management is a component of essential services and the authorised common bio medical waste treatment facilities were engaged in providing essential services. <p>Collection & disposal of 19</p>

	Issues	Agency	Action Taken (so far)
			<p>biomedical waste: COVID 19 waste is being stored in double layered (using 2 bags) yellow bags. The waste is then stored separately in a bin marked with COVID 19 waste.</p> <p>Protective measures taken during collection:</p> <ol style="list-style-type: none"> 1. While collecting BMW from hospitals, all staff are provided with 3 layered mask, heavy-duty hand gloves, safety shoes, soaps & sanitizer for frequent hand washing. 2. COVID 19 waste is being collected in dedicated vehicles and double layered yellow bags as per guidelines of CPCB. 3. As soon as the waste reaches the CBWTF, the same is unloaded and incinerated on priority basis. 4. Af ter unloading the waste the vehicle is washed, disinfected at the vehicle wash platform with 1% sodium hypochlorite solution and the wash is treated in ETP.

	Issues	Agency	Action Taken (so far)
			<p>5. C BWTFs are collecting waste from all Covid hospitals in the State. Daily records of COVID 19 related biomedical waste management is maintained in the prescribed format of CPCB.</p> <p>6. C Covid 19 biomedical waste data uploading on CPCBs Covid 19 waste tracker has been started. The work faced some interruptions due to non-availability of internet connection in the wake of super cyclone (Amphan) which hit the State on 20.05.2020. The total Covid waste generated and processed till 20.06.2020 is 3,83,715 kg.</p>
20.	122 non attainment cities (Kolkata & Howrah)	WBPCB	<ul style="list-style-type: none"> • Kolkata was the only city identified under this category I in 2016. • N EERI has completed Source Apportionment Study recently in respect of Kolkata and Howrah.

Issues	Agency	Action Taken (so far)
		<p>The report is being evaluated by WBPCB. Some of them are in implementations stages like control of re-suspended road dusts, stubble burning, conversion of solid fuels to gaseous LPG fuel in road side eateries etc.</p> <ul style="list-style-type: none"> <li data-bbox="752 716 1448 974">• W BPCB is operating 79 manual stations and 12 CAAQM stations in West Bengal. <li data-bbox="752 985 1448 1500">• S subject to Finance Department's clearance, WBPCB proposes to install CAAQM stations at 58 more locations of West Bengal covering all the ULBs having population more than a lakh within 31st December, 2021. <li data-bbox="752 1512 1448 1848">• W BPCB has an online complaint management system and has introduced "Paribesh App" for redressal of public grievance. <li data-bbox="752 1859 1448 2038">• Af forestation programme is being implemented by the Forest

Issues	Agency	Action Taken (so far)
		<p>Department.</p> <ul style="list-style-type: none"> • W West Bengal Transport Corporation (WBTC) has introduced 80 electric buses in Kolkata last year. • Te Order process for procurement of 50 more electric buses is already in its final stages. • W WBPCB has distributed 750 nos. of LPG gas stoves in Bidhannagar, 1800 nos. of gas stores in Kolkata Municipal Corporation area, 224 nos. of gas stoves, in Howrah Municipal Corporation to road side eateries. • With the help of WBPCB, Kolkata Municipal Corporation have been sprinkling water on 20 strategic stretches to suppress the floating dust particles. WBPCB has funded service of 15 nos. of water tankers in 15 Kolkata Municipal Corporation area, 6 in Howrah Municipal Corporation area, 4 in

	Issues	Agency	Action Taken (so far)
			<p>Bidhan nagar Municipal Corporation area, 02 in South Dumdum Municipality area. This exercise has reduced floating dust in the air in these areas.</p> <ul style="list-style-type: none"> <li data-bbox="741 600 1433 1301">• Tr Transport Department has taken efforts to upgrade the machines of the Auto Emission Testing Centres (AETCs) and ensure updated calibrations as well as web-based linking of AETC centers with the Vahan, server. All the 103 AETCs operating in the twin cities of Kolkata and Howrah have already been connected with the server. <li data-bbox="741 1323 1448 1630">• 33 display boards and 67 ANPR cameras have been installed to monitor/prohibit entry of 15 years old vehicles. <li data-bbox="741 1653 1448 1960">• As a result of the above efforts, significant improvement has been achieved in the level of PM10 and PM 2.5 over the last year.
21.	122non	WBPCB	In addition to Kolkata, the CPCB

	Issues	Agency	Action Taken (so far)
	attainment cities (other Six cities)		has identified 5 more non-attainment areas in West Bengal on 2019. These are: Haldia, Howrah, Barrackpore, Durgapur & Asansol (including Ranigunj). The preliminary Action Plans have been submitted to CPCB. In addition to above, it has been decided to carry out Emission Inventory, Source Apportionments and Carrying Capacity study for all these areas.
22.	Noise Pollution	Police Authority, WBPCB	<ul style="list-style-type: none"> • A State-Level Committee has been constituted under the Chairmanship of Chief Secretary constituted on 17.12.2019. • First Meeting was held by the Chief Secretary on 18.12.2019 with Police authorities, WBPCB and line departments to ensure effective monitoring of the directions of the Hon'ble NGT. • To manage noise pollution, a dedicated Helpline has been functioning since 1st October 2019.

	Issues	Agency	Action Taken (so far)
			<p>A proposal for setting up of 24x7 helpline is under process.</p> <ul style="list-style-type: none"> • 1300 noise meters and 1300 calibrators have been distributed to different Police Stations to check the levels of noise pollution across the State and to take legal steps accordingly. • In the last festive season (Oct – Dec, 2019) including New Year eve, 15 cases have been registered under EP Act 1986.
23.	Rejuvenation of Water body	P&RD, UD&MA	<ul style="list-style-type: none"> • 15,000 waterbodies have been identified and more are in the process of identification. • Action Plan has been prepared and submitted to CPCB. • P&RD Deptt. is working under MNREGA Scheme to restore the water bodies throughout the State. In the gram panchayats adjoining

	Issues	Agency	Action Taken (so far)
			<p>the polluted river stretches, 592 waterbodies have been excavated/ re-excavated.</p> <ul style="list-style-type: none"> • 12 bio diversity parks have been established in the polluted river stretches.
24.	Hazardous Waste Rules, 2016	WBPCB	<ul style="list-style-type: none"> • W BPCB has so far identified 716 industries generating hazardous waste in the State. The State has established a common hazardous waste collection, storage, treatment & disposal facility having incinerator at Haldia in Purba Medinipur. On an average, 30,000 tons is being treated in the facility. The installed capacity is 1,80,000 tons per month. • W BPCB has engaged Indian Institute of Social Welfare and Business Management (IISWBM) for conducting inventorisation of hazardous and other waste generating industries in the State

	Issues	Agency	Action Taken (so far)
			<p>of West Bengal. Auditing of Common Hazardous Waste Treatment Storage and Disposal Facility (CHWTSDF) is also done by IISWBM.</p> <ul style="list-style-type: none"> • A Annual Inventory of Hazardous Waste Generation and its Management in the State of West Bengal for the year of 2018-19 has been sent to CPCB on 27.09.2019. Compliance status for implementation of recommendations of Interim Report (4th Quarter) of monitoring committee of Hon'ble NGT has been sent to CPCB on 02.06.2020.

State Urban Development Agency

'ILGUS BHAWAN', HC Block, Sector III, Bidhannagar, Kolkata – 700106
Email: wbsudadir@gmail.com

Memo No. SUDA – 366/2019(pt-I)/10738

Date: 13.06.2020

Notice inviting e-tender for selection of Concessionaire for Bio-remediation of Legacy Waste, setting up of processing facility at Pramodnagar and Kamarhati and Sanitary Landfill at Identified Site, secondary collection and transportation, processing and disposal of Municipal Solid Waste for Dum Dum, South Dumdum, North Dumdum, Baranagar, Kamarhati and New Barrackpore Municipalities under Swatch Bharat Mission in West Bengal.

NIT No :

The Director, for and on behalf of the State Urban Development Agency (SUDA), Urban Development and Municipal Affairs Department, Government of West Bengal invites tipping rates from reputed and bonafide Suppliers/Manufacturers/ Agencies having experience and acumen in such work as noted below in the eligibility as depicted hereunder for selection of Concessionaire for Bio-remediation of Legacy Waste, setting up of processing facility at Pramodnagar and Kamarhati and Sanitary Landfill at Identified Site, secondary collection and transportation, processing and disposal of Municipal Solid Waste for Dum Dum, South Dumdum, North Dumdum, Baranagar, Kamarhati and New Barrackpore Municipalities under Swatch Bharat Mission in West Bengal.

Name of the project	Description of Work	Earnest Money Deposit (in Rs.)	Performance Security (in Rs.)	Contract Duration
Bio-remediation of Legacy Waste, setting up of processing facility at Pramodnagar and Kamarhati and Sanitary Landfill at Identified Site, secondary collection and transportation, processing and disposal of Municipal	1.Bio-remediation of legacy waste: Approx.6.6 lakh cubic meter waste in Pramod Nagar and 1.46 lakh cubic meter waste in Kamarhati. 2.Secondary Collection and Transportation of waste from secondary collection points to Processing Facilities. 3.Compost and RDF facility plant of 450 TPD and Bio-methanation plant of 100 TPD at Pramod Nagar site for Dum Dum, South	10,00,000.00 (Ten lakh only)	11,00,00,000.00 (Eleven crore only)	20 Years O & M after commissioning of MSW Processing Plant

Solid Waste for Dum Dum, South Dum Dum, North Dum Dum, Baranagar, Kamarhati and New Barrackpore Municipalities under Swatch Bharat Mission in West Bengal.	Dumdum, North Dumdum and Baranagar Municipalities. 4.Compost and RDF facility plant of 180 TPD at Kamarhati site for Kamarhati and New Barrackpore Municipalities. 5.Sanitary Landfill facility: Common for both the above sites. The site will be handed over within 9 months from issuance of LOI.			
--	--	--	--	--

Interested bidders may download the complete Request for Proposal, from e-tender portal i.e. <http://wbtenders.gov.in> No liability will be accepted for downloading the incomplete document.

Tender Schedule as follows:		
Sl. No.	Particulars	Date and Time
A.	Date of uploading of Bid Document and Tender Documents (Online Publishing Date)	13.06.2020 at 04:00 pm
B.	Documents download start date (Online)	13.06.2020 at 4:00 pm
C.	Documents download end date (Online)	06.07.2020 at 02:00 pm
D.	Date and time of bid queries submission	Queries of bidders, if any are to be submitted through mail to the State Urban Development Agency at wbsudadir@gmail.com & sbm.wbsuda@gmail.com within 23rd June, 2020.
E.	Bid submission starting	13.06.2020 at 6:00 pm
F.	Bid Submission closing (Bid Due Date)	06.07.2020 at 3:00 pm
G.	Bid opening date for Technical Proposals	08.07.2020 at 3:00 pm
H.	Date of communicating list for Technically Qualified Bidders	To be notified
I.	Date of Opening of Financial Proposal	To be notified
J.	Date of issuance of Work Order / Signing of Agreement	To be notified

The Director, SUDA reserves the right to accept or reject any or all proposals without assigning any reason thereof.

Director, SUDA

Section 1 – Letter of invitation

Ref: Invitation No.

Date:

The Director, SUDA.
Govt of West Bengal.

To

[Insert: Name and Address of Agency].....
.....
.....

Attention: Mr. /Ms.:

1. The Director, SUDA invites proposals to provide the services for installation, commissioning and O&M of processing plant for Municipal Solid Waste. The collection and transportation of MSW up-to secondary transfer point shall be done by the ULB.
2. The lowest bidder will be selected under LCS basis and procedures described in this RFP, in accordance with the policies of the Govt. of West Bengal.
3. The RFP includes the following documents:
 - Section 1 - Letter of Invitation
 - Section 2 - Instructions to Bidders (including Data Sheet)
 - Section 3 - Technical Proposal - Standard Forms
 - Section 4 - Financial Proposal - Standard Forms
 - Section 5 - Terms of Reference
 - Section 6 - Standard Contract Document
4. Please note that, if your firm (or any associate firm or Joint Venture Partner or Co- Applicant or Individual nominated in any submitted Technical Proposal for this project) has been previously engaged to prepare the terms of reference (TOR) for this assignment, or any part thereof, your firm (and/or any associate firm or Joint Venture Partner or Co-Applicant or Individual so engaged) shall be disqualified from participation in this assignment.

Yours sincerely,

Director, SUDA

SECTION 2- INSTRUCTIONS TO BIDDERS

1. Introduction	<p>1.1 SUDA will select one or more agencies /firms in accordance with the method of selection specified in the data sheet.</p> <p>1.2 Eligible agencies /firms are invited to submit a technical proposal and a financial proposal as specified in the data sheet, for consulting services required for the assignment named in the data sheet. The proposal will be the basis for contract negotiations and ultimately for a signed contract with the selected bidder.</p> <p>1.3 The client will provide at no cost to the bidders the inputs and facilities specified in the data sheet, assist the firm in obtaining licenses and permits needed to carry out the services, and make available relevant project data and reports.</p> <p>1.4 Bidders shall bear all costs associated with the preparation and submission of their proposals and contract negotiation.</p> <p>1.5 SUDA is not bound to accept any proposal, and reserves the right to annul the selection process at any time prior to contract award, without thereby incurring any liability to the bidders.</p>
Conflict of Interest	<p>1.6.1 Conflict of interest will be deemed occurring where (i) supply of goods and services whose ToR/specifications were prepared by bidder themselves (valid for both individual and organization); (ii) continuation of previous assignment wherein ToR / specifications have not been prepared by the agency; (iii) conflicting assignments like monitoring and evaluation (iv) related assignments and (v) agency's (individual/organization) have a business or family relation with client staff member directly or indirectly involved in preparation of ToR/recruitment/supervision.</p> <p>1.6.2 In case of situation, where conflict of interest is arising, the shortlisted bidder has to take permission from the Employer.</p> <p>1.6.3 Bidders have an obligation to disclose any situation of actual or potential conflict of interest. Failure to disclose said situations may lead to the disqualification of the bidder or the termination of its contract.</p>
Anti-corruption	<p>1.7 The bidders will observe the highest standard of ethics during the selection process and in execution of such contracts. In pursuance of this the Employer will reject a proposal for award if it determines that the bidder recommended for award has directly, or through an agent, engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the contract in question;</p>
Only one Proposal	<p>1.8 If a bidder (including a partner in any Joint Venture) submits or participates in more than one proposal, such proposals shall be disqualified. However, this does not limit the inclusion of an Associate,</p>

	including individual experts, in more than one proposal.
Proposal Validity	1.9 The data sheet indicates how long bidders' proposals must remain valid after the submission date. During this period, bidders shall maintain the availability of manpower and assets committed in the proposal. The client will make its best effort to complete negotiations within this period. Should the need arise; however, the client may request bidders to extend the validity period of their proposals. Bidders who do not agree have the right to refuse to extend the validity of their proposals.
2. Clarification of RFP Documents	2.1 Bidders may request a clarification of any of the RFP documents up to the number of days indicated in the data sheet before the proposal submission date. Any request for clarification must be sent in writing, or by standard electronic means to the client's address indicated in the data sheet. The client will respond in writing, or by standard electronic means and will send written copies of the response (including an explanation of the query but without identifying the source of inquiry) to the bidders. Should the Client deem it necessary to amend the RFP as a result of a clarification, it shall do so following the procedure under Para: 2.2.
Amendment of RFP Documents	2.2 At any time before the submission of proposals, the client may amend the RFP by issuing an addendum in writing or by standard electronic means. The addendum shall be given in website. To give bidders reasonable time in which to take an amendment into account in their proposals the client may, if the amendment is substantial, extend the deadline for the submission of proposals.
Client Clarification of Proposals	2.3 It is understood that from time the proposals are received by the client to the time that the contract is awarded, the client shall not request the bidder to provide any additional document which will enable the disqualified bidder to be qualified for the bid. However, the client may seek clarification from any or all bidders about the information provided by the bidder in his/their technical or financial proposal(s).
3. Preparation of Proposals	3.1 The proposal as well as all related correspondence exchanged by the bidders and the client shall be written in the English language. 3.2 In preparing their proposal, bidders are expected to examine in detail the documents comprising the RFP. Bidders should enclose all necessary documentary proof indicated in the data sheet which are required to meet minimum eligibility criteria. Bidders whose proposals do not respond to the requirements of the documents comprising the RFP will be disqualified and the price proposal of such disqualified bidders will be unopened. 3.3 While preparing the financial proposal, the bidder should take in to

	<p>consideration all the scope of work as mentioned in the RfP documents.</p>
<p>Association Arrangements and Joint Ventures</p>	<p>3.4 While preparing the technical proposal, bidders must give particular attention to the following:</p> <p>For the purpose of submitting a proposal and subject to para 1.3 above, a shortlisted bidder may enhance its expertise for the assignment either by:</p> <p>(a) associating with number of firms indicated in the data sheet in which case, the bidder firm shall be the Lead Firm and shall be solely liable under the contract, or</p> <p>(b) Forming a Joint Venture with number of other firms indicated in the data sheet, in which case the bidder and the partners of the Joint Venture shall be jointly and severally liable under the contract.</p> <p>In the event that the bidder forms an association or a Joint Venture as described above, the bidder shall submit a copy of the letter of association or the Joint Venture Agreement, as the case may be, with its technical proposal. In the case of a Joint Venture, the bidder shall also submit a power of attorney (executed by all partners) that authorizes the designated lead or managing partner of the Joint Venture to act for and in behalf of the Joint Venture and to legally bind such Joint Venture in any contractual or similar documentation. Any letter(s) of association, Joint Venture agreement, and Joint Venture power of attorney referred to herein, shall be attached to TECH-1, Standard Forms (Section 3) and submitted as part of the technical proposal of such agency.</p>
<p>Full-time Employees</p>	<p>3.5 A regular full-time employee of the Bidder or the Associates is defined as a person who, on the date of submission of the bidder's proposal:</p> <p>(a) is currently employed under a contract or agreement of employment with the Bidder or Associates;</p> <p>(b) has been employed by the Bidder or the Associates for the last 12 consecutive months preceding the date of submission of the proposal;</p> <p>(c) is entitled to receive regular remuneration and benefits (e.g. social security, pension or medical contributions) from the Agency.</p> <p>(d) is engaged to work for the Bidder or the Associates for the number of hours per day and days per year considered the norm in the country of employment or in the country in which the person is assigned.</p>

<p>Technical Proposal Format and Content</p>	<p>3.6 Depending on the nature of the assignment, bidders are required to submit a full technical proposal (FTP), a simplified technical proposal (STP), or a bio-data technical proposal (BTP). The data sheet indicates the format of the technical proposal to be submitted. Submission of the wrong type of technical proposal will result in the proposal being deemed non-responsive. The technical proposal shall provide the information in the attached standard forms (Section 3).</p>
<p>4. Submission of Proposal</p>	<p>4.1 The complete proposal should be submitted through online e-tendering process.</p>
<p>5. Eligibility to participate in the Bid</p>	<p>Proposal may be submitted by interested bidders as a single entity or a group of entities ("Bidding Consortium/JV"). In case of Consortium/JV, the maximum numbers of entities is limited to 3 (three) including the Lead Member.</p> <p>For eligibility, the bidder shall have at least:</p> <p>5.1 The Entity / Bidder must be a company as specified in Companies Act, 1956/2013 OR a Limited Liability Partnership registered under The Limited Liability Partnership Act, 2008 OR a Company incorporated under equivalent law abroad OR a Society registered under The Societies Registration Act, 1860 OR a Proprietorship Firm OR a Partnership Firm registered under relevant laws of India. The time period elapsed from commencement of business should be at least 05 (five) years as on 1st April 2020. In case of a consortium/JV the number of years from commencement will have to be met by the Lead Bidder.</p> <p>5.2</p> <ul style="list-style-type: none"> i) Intending bidders should produce credentials of a same or similar nature of completed work with Central & State Govt./PSU/ULB of the minimum value of Rs. 33.90 crore or minimum 1 number of Processing Plant with a capacity of at least 219 TPD (189 TPD Compost & RDF and 30 TPD Biomethanation) during 5(five) years prior to the date of issue of the tender notice; or, ii) Intending bidders should produce credentials of 2(two) same or similar nature of completed work with Central & State Govt./PSU/ULB, of the minimum value of Rs. 28.25 crore or minimum 2 numbers of Processing Plant with a capacity of at least 183 TPD (158 TPD Compost & RDF and 25 TPD Biomethanation) during 5(five) years prior to the date of issue of the tender notice; or, iii) Intending bidders should produce credentials of one single running work of same or similar nature with Central & State Govt./PSU/ULB which has been completed to the extent of 75% or more and value or capacity of which is not less than the desired value or capacity at (i) above. <p>Out of these same or similar nature of completed work with Central & State Govt./PSU/ULB, of the minimum value or capacity of Processing Plant furnished, bidders should ensure at least 55% of the minimum value or capacity of Processing Plant have been handled by the lead bidder, in case of consortium/JV.</p>

	<p>In case of running works, only those tenders who will submit the certificate of satisfactory running work from the concerned Executive Engineer, or equivalent competent authority will be eligible for the tender. In the required certificate it should be clearly stated that the work is in progress is satisfactorily and also that no penal action has been initiated against the executed agency, i.e., the tender.</p> <p>5.3 Bidder must have valid Trade License, PAN, and GST. Certificate of NSIC/ Excise Registration Certificate is accepted in lieu of Trade License. EPF and ESI certificate should also be submitted along with the proposal.</p> <p>5.4 Bidder having sufficient qualified technical personnel with sound knowledge and experience in their relative fields.</p> <p>5.5 The prospective bidders should not have been Black Listed from any Government Organization/ Statutory Body etc. during the last 3 (Three) years. (A self-declaration in this respect has to be furnished by the prospective bidders without which the Technical Bid' shall be treated as non- responsive).</p> <p>5.6 The Bidder shall furnish the Article of Association and Memorandum, if applicable.</p> <p>5.7 Average annual turnover of the bidder (Refer Form TECH-1B) over the last three financial years (2016-17, 2017-18 and 2018- 19) should be at least Rs. 57.00 crore from similar services as mentioned above. In case, the applicant is a Consortium/JV, the required turnover criteria is to be fulfilled jointly, provided 55% of the criteria is fulfilled by the Lead Member. <i>[Turnover shall mean gross sales or gross revenue, as defined by the Indian Accounting Standards published by the Institute of chartered Accountants of India (ICAI)].</i></p> <p>5.8 The bidder should be solvent. Solvency Certificate of Rs. 57.00 crore in favour of this specified Work, Tender ID & Tender Reference Number from any Scheduled/Nationalized Bank/Public Financial Institution is to be submitted along with the bid.</p> <p>5.9 Bidder must have a Functional Service Centre in the State. If service center is not already there at the time of bidding, successful bidder shall have to establish one within 60 days of award of contract. Payment shall be released only after submission of documentary evidence of having Functional Service Centre.</p>
6. Bid Evaluation	<p>6.1 Detailed Bid Evaluation Criteria is given in the section-2, Sl. No. 7. The minimum qualifying technical score is 75. Financial proposal of only those bidders will be opened who scores 75 or more marks in the Technical Evaluation.</p> <p>Method of selection will be Least Cost Selection (LCS) Method. The client will select the bidder with the lowest evaluated total price among those bidders who achieve the minimum Technical Score.</p>

7. Bid Evaluation Criteria	Sl No	Parameter	Maximum Marks allotted
	1	Firm's General Experience and Experience in similar Assignments	60
	1a	Number of Years of Experience i. More than 5 years to 8 years: 05 marks ii. More than 8 years: 10 marks	10
	1b	Sub Criteria - "Completed / Ongoing (minimum 75% completed) work experience in Installation, Commissioning and Operation & Maintenance of MSW through machinery for minimum of 25 TPD in Biomethanation method during the period of last 5 years" i. 7.5 marks per project with maximum marks allotted is 15	15
	1c	Sub Criteria - "Completed / Ongoing (minimum 75% completed) work experience in Installation, Commissioning and Operation & Maintenance of MSW through machinery for minimum of 158 TPD in Compost & RDF during the period of last 5 years" i. 7.5 mark per project with maximum marks allotted is 15	15
	1d	Sub Criteria - "Value of same or similar type of projects executed more than 28.25 crore during the period of last 5 years" i. 1 number of project - 5 marks ii. 2 number of projects or more - 10 marks	10
	1e	Sub Criteria - "Completed / Ongoing (minimum 75% completed) work experience in Bio-remediation of legacy waste for minimum of fifty thousand cubic metre quantity during the period of last 5 years" i. 1 number of project - 5 marks ii. 2 number of projects or more - 10 marks	10
	2	Financial Capacity of the Firm	10
		Average Annual Turn Over of the Firm for the last 3 Financial Years (2016-17, 2017-18 & 2018-19) : i. Upto Rs. 60.00 crore: 05 marks ii. More than Rs. 60.00 crore: 10 marks	10
	3	Approach and Methodology	25
		a. Understanding of the Scope of Work b. Site appreciation c. Proposed methodology of bidder for undertaking the assignment i. Work Plan ii. Manning Schedule iii. Comments on TOR d. Power Point Presentation on Technical Approach and Methodology. Date for the presentation will be informed in due course.	25
	4	Local Presence	05
		i. Presence of office in Kolkata / West Bengal - 05 marks (in case of Consortium/JV, this is applicable for Lead Member)	05
	TOTAL		100

8. Performance Security	8.1 The selected bidder shall submit performance security of Rs. 11,00,00,000.00 (Eleven crore only) to the client within 15 days, in the form of Bank Guarantee from any Scheduled/Nationalized Bank/Public Financial Institution valid for 36 months from the date of issue of letter of acceptance cum work order.
9. Duration of Contract	9.1 The duration of contract for performing the services shall be as indicated in Data Sheet
10. Earnest Money Deposit	10.1 Rs.10,00,000.00 (Ten lakh only) as an initial Earnest Money Deposit shall be paid through online mode of payment (payment link will be available in the website). This amount will be converted to security deposit for the successful bidder. The EMD for the successful Bidder will be converted to Security Deposit and additional amount of 10% will be deducted towards Security Deposit from each monthly invoice. Such deducted total amount will be refunded after 24 months on completion of each year.

Section 2: Data Sheet to Instruction to Bidders

Paragraph Reference	Description
1.1	Name of the Client : The Director, SUDA. Method of selection :Least Cost Selection (LCS) Method.
1.2	Financial Proposal to be submitted together with technical proposal: Yes The overall scope of work is as specified in the Terms of Reference.
1.3	The client will provide to the agency/firm encroachment free land for construction, installation & commissioning of waste processing plant, office building, boundary wall (if required), weigh bridge etc.
1.9	Proposals must remain valid for not less than 270 days after the submission date.
2.1	Clarifications may be requested not later than 15 days before the submission date. The address for requesting clarifications is: The Superintending Engineer, SUDA (Tel: 9836650784); Queries of bidders, if any are to be submitted through mail to the State Urban Development Agency at wbsudadir@gmail.com & sbm.wbsuda@gmail.com within 23rd June, 2020.
3.2	The bidder is also advised to visit the site/disposal ground and obtain for himself on his own responsibility all information that may be necessary for preparing the bid and entering into a contract for processing of Municipal Solid Waste. The costs of visiting the processing site and the municipal area shall be at the bidder's own expenses. The bidders must familiarize themselves with local conditions and to take them into account in preparing their proposals. Following documentary proof are required related to eligibility of technical bid: (i) Registration of firm/company (both lead partner & JV partner in case of

	<p>Consortium /Joint Venture) with the state government / Govt. of India under the relevant Act.</p> <p>(ii) Audited financial statement (Balance Sheet and Profit & Loss Statement) of the firm/company (both lead partner & JV partner in case of Consortium /Joint Venture) for the last 3 years.</p> <p>(iii) Solvency Certificate and letter of credit issued by the bidder's (lead partner in case of Consortium /Joint Venture) banker,</p> <p>(iv) Copy of work orders & completion certificates (in case of completed projects) or certificate of satisfactory running work (in case of on-going project) in favour of bidder (both lead partner & JV partner in case of Consortium /Joint Venture)</p> <p>(v) Details of technical personnel available for the assignment.</p> <p>(vi) Details of Plant & Machinery available with the bidder's (lead partner & JV partner in case of Consortium /Joint Venture) firm</p> <p>(vii) Form of Consortium or Joint Venture agreement in case of Consortium / Joint Venture.</p> <p>(viii) Power of Attorney for the authorized person to sign the bid/proposal.</p>
3.3	<p>As per available data the quantity of waste collected & provided by the ULBs is 730 TPD for MSW Processing Plant.</p> <p>"Bio-remediation of Legacy Waste, setting up of processing facility at Pramodnagar and Kamarhati and Sanitary Landfill at Identified Site, secondary collection and transportation, processing and disposal of Municipal Solid Waste for Dum Dum, South Dumdum, North Dumdum, Baranagar, Kamarhati and New Barrackpore Municipalities under Swatch Bharat Mission in West Bengal."</p>
3.4	<p>Proposal may be submitted by interested bidders as a single entity or a group of entities ("Bidding Consortium/JV"). In case of Consortium/JV, the maximum numbers of entities is limited to 3 (three) including the Lead Member.</p>
3.6	<p>The format of the technical proposal to be submitted is:</p> <p>Simplified Technical Proposal (STP) Following:</p> <p>Technical Proposal Submission Form:</p> <p>TECH-1A: Qualification Application</p> <p>TECH-1B: Financial Statement</p> <p>TECH-1C: Structure & organization</p> <p>TECH-1D: Statement of any Indictment</p> <p>TECH-1E :Firm's Experience</p> <p>TECH-1F: Key Technical and Managerial staff</p> <p>TECH-2: Methodology for proposed operation & maintenance</p> <p>TECH-3: Format for power of attorney for signing of proposal</p> <p>TECH-4: Format for power of attorney for lead member of consortium/joint venture</p>
9.1	<p>The concessionaire shall complete the work of construction, installation & commissioning of waste processing plant, sanitary landfill (SLF), office building, boundary wall (if required), weigh bridge and other ancillary work within 18 months from the date of issue of letter of acceptance cum work order.</p> <p>The concessionaire shall operate and maintain the processing plant and SLF for minimum 20 years (Renewable based on satisfactory performance) after its commissioning.</p>

SECTION 3: Technical Proposal - Standard Forms

Form TECH-1A: Qualification Application

(To be written on the letterhead of the Applicant)

[Location, Date]

To:

The Director, SUDA

Dear Sir/Madam:

I/ We, the undersigned, offer to provide the services for *[Insert title of assignment]* in accordance with your Request for Proposal dated *[Insert Date]* and our Proposal. We are hereby submitting our Proposal, which includes this Technical Proposal, and a Financial Proposal.

We are submitting our Proposal in association with/as a Joint Venture: *[Insert a list with full name and address of each joint venture partner or Co-applicant]*. Attached is the following documentation: *[letter(s) of association or Joint Venture Agreement and Joint Venture power of attorney for lead or managing Partner]*

We hereby declare that all the information and statements made in this Proposal are true and accept that any misinterpretation contained in it may lead to our disqualification.

If negotiations are held during the period of validity of the Proposal, i.e. before the date indicated in the Data Sheet, we undertake to negotiate on the basis of the proposed methodology and personnel. Our Proposal is binding upon us and subject to the modifications resulting from contract negotiations.

We undertake, if our proposal is accepted, to initiate the services related to the assignment not later than the date indicated in the notice to proceed.

We understand you are not bound to accept any proposal you receive.

We remain,

Yours sincerely,

Authorized Signature *[In full and initials]*: ____

Name and Title of Signatory: _

Name of Firm: ____

Address: _____

Form TECH-1B: Financial Statement

1. Name of Applying Agency:
2. Summary of turnover generated on the basis of the audited financial statement of the last 03 (three) financial years.

	2016-17 (Rs. In Lakh)	2017-18 (Rs. In Lakh)	2018-19 (Rs. In Lakh)
Annual Turnover			

Average Annual Turnover is XXXX (Rs in Lakh)

Signed by a Practicing Chartered
Accountant

Name: Membership No.:

Name of the Firm with
Seal

Date _____

Note: This form is required to be certified by a practicing Chartered Accountant

Form TECH-1C: Structure & organization

A. Details about the Bidder (single entity / lead agency in case of consortium/JV):

1. Name of applying agency / lead agency:
2. Registered Office Address:
Telephone No.:
Fax No. :
E mail#:
Website:
3. Kolkata Office Address (if any):
Telephone No.:
Fax No. :
E mail#:
Website:
4. Name of the Contact Person for this assignment:
Designation:
Address:
Telephone No. :
Cell phone No.:
E mail:
Fax No. :

Signature of applicant
including title and capacity in
which application is made.

Bidders must ensure that the Email id provided in the Registered Office Address is same with which they have registered on the e-procurement portal (<http://wbidders.gov.in>).

B. Details about the Consortium/JV Partner:

1. Name of Consortium partner:
2. Registered Office Address:
Telephone No.:
Fax No. :
E mail#:
Website:
3. Kolkata Office Address (if any):
Telephone No.:
Fax No. :
E mail#:
Website:
4. Name of the Contact Person for this assignment:

Designation:
Address:
Telephone No. :
Cell phone No.:
E mail:
Fax No. :

Signature of applicant
including title and capacity in
which application is made.

Form TECH-1D: Statement of any Indictment

(By any Income Tax, Sales Tax, Customs and Excise Authorities and other Regulatory Authorities) (To be forwarded on the letterhead of the interested entity submitting the Proposal)

Date:

To,
The Director,
State Urban Development Agency (SUDA),
ILGUS Bhawan, HC Block, Sector III,
Salt Lake City, Kolkata - 700106,
West Bengal, India

Sir,

We solemnly declare that there has been no conviction by a court of law or indictment or adverse order or investigation or charge sheet by an agency of the Government, any income tax, sales tax, customs, excise authorities and other regulatory authorities including but not limited to Reserve Bank of India (RBI) and Securities Exchange Board of India (SEBI) against us or our Promoter Group.

We have not been declared ineligible by the Government of India or any State / UT / Local Government for corrupt and fraudulent practices or blacklisted by them.

Yours faithfully,

Signature(s) of Applicant(s)
Seal of applicant Name:

Designation:

Form TECH-1E :Firm's Experience

[Using the format below, provide information on each assignment for which your firm, and each joint venture partner or Co-applicant for this assignment, was legally contracted either individually as a corporate entity or as one of the major companies within a joint venture or Co-applicant, for carrying out services similar to the ones requested under this assignment. Fill up separate sheet for each project]

1.	Name of Project & town	
2.	Name, Address & contact numbers of Client	
3.	Name of Entity undertaken the Project	
4.	Scope of work	
5.	Project Cost	
6.	Waste Handling Capacity / Project size / Population	
7.	Bidder's role in the project	
8.	Contract Period	
9.	Completed or On going	
10.	Details of the assistance / equipment provided by the ULB	
11.	Date of award/ Date of start	
12.	Delays in commissioning, if any with their reason	
13.	No. of months of Operation & Maintenance	
14.	Has the project stopped / failed after commissioning, if yes, provide reason	
15.	Litigations with the client, if any	
16.	Details of the Technical and Managerial staff engaged	
17.	% Equity shareholding in the project	
18.	Status of project	
19.	Remarks / Other Details	

Date:

Place:

Rubber Seal of the Bidder/

(Signature of the Authorized Signatory)

Lead Member of the Consortium/JV

(Name and designation)

In the capacity of _____ (position) duly authorized to sign this Proposal for and behalf of _____ (name of Sole Bidder / Lead Member of the Consortium/JV)

_____ (Address)

Form TECH-1F: Key Technical and Managerial staff

[Using the format below, provide information on key technical and managerial staff of your firm, and each joint venture partner or Co-applicant for this assignment, proposed to work on the assignment for carrying out services under this assignment.]

Name	Position Assigned	Area of Experience	Task Assigned	Employment Status with Firm (Fulltime/ Contract)	Education/ Degree (Year/ Institution)	No. of years of relevant Experience

Form TECH-2: Methodology for proposed operation & maintenance

(To be attached with Firm's proposed Approach & Methodology)

The Implementation Plan shall comprise:

1. Proposed Strategy
 - a. Proposed plan for communicating with the Client staff.
 - b. Service Provider shall be required to submit a chart setting out the process flow for the activities envisaged.
2. Infrastructure (tools, equipment and vehicles) required for execution of the Project.

(Please refer the indicative requirements mentioned in the ToR)

Sl.No	Equipment / Machinery				Number
Sl. No.	Vehicle Type	Owned No	Leased No	Total No	Capacity in terms of Volume

3. Processing Technology:

- a. Method of Biomethanation: Describe the process, list of plant & machinery, power requirement, likely % of product, likely power generation, likely quantity of RDF & likely % of rejects etc.
- b. Method of Compost and RDF: Describe the process, list of plant & machinery, power requirement, likely % of product, likely power generation, likely quantity of RDF & likely % of rejects etc.
- c. Method of Bio-remediation of legacy waste: Describe the process, list of plant & machinery, power requirement, likely % of product & likely % of rejects etc.

4. Construction and Monitoring mechanism proposed for Sanitary Landfill

5. Manpower Proposed to be deployed:

Sl No	Staff Aspect	Details
	Total number of people to be deployed*	
	Type of Staffs	
	Operational Staff*	
	Supervisory Staff*	
	Any other	

* Describing role & activities to be performed by each staff

6. Monitoring mechanism proposed
7. Mechanism for addressing any emergency situation

Form TECH-3: Format for power of attorney for signing of proposal

(On Stamp paper of relevant value)

POWER OF ATTORNEY

Know all men by these presents, We *(name and address of the registered office)* do hereby constitute, appoint and authorize Mr/Ms *(name and residential address)* who is presently employed with us and holding the position of as our attorney, to do in our name and on our behalf, all such acts, deeds and things necessary in connection with or incidental to our for taking up on the Project of *(title of the project)* in area of ULBs, (herein after referred to as specific ULBs), including signing and submission of all documents and providing information/responses to BNP in all matters in connection with our Proposal.

We hereby agree to ratify all acts, deeds and things lawfully done by our said attorney pursuant to this Power of Attorney and that all acts, deeds and things done by our aforesaid attorney shall and shall always be deemed to have been done by us.

Dated this the _____ Day of _____ 2020

For _____
(Name and designation of the person(s) signing on behalf of the Bidder)

Accepted

(Name, Title and Address of the Attorney) Signature.

Date:

Note:

Note:

- The mode of execution of the Power of Attorney should be in accordance with the procedure, if any, laid down by the applicable law and the charter documents of the executants(s) and when it is so required the same should be under common seal affixed in accordance with the required procedure.
- Also, wherever required, the bidder should submit for verification the extract of the charter documents and documents such as a resolution/power of attorney in favor of the Person executing this Power of Attorney for the delegation of power hereunder on behalf of the bidder.
- In case the proposal is signed by an authorized Director, a certified copy of the appropriate resolution/ document conveying such authority may be enclosed in lieu of the Power of Attorney.

Form TECH-4: Format for power of attorney for lead member of consortium/joint venture

(On Stamp paper of relevant value)

POWER OF ATTORNEY

Whereas ----- *(Name of the employer)* has invited tenders from interested parties for ----- *(title of the project)* as per SWM Rules 2016 within Municipal limits of *(name of town)* .

Whereas, the members of the Consortium/JV are interested in bidding for the project and implementing the project in accordance with the terms and conditions of the tender(Tender Document), and other connected documents in respect of the project, and Whereas, it is necessary under the tender document for the members of the Consortium/JV to designate one of them as the Lead Member with all necessary power and authority to do for and on behalf of the Consortium/JV, all acts, deeds and things as may be necessary in connection with the Consortium's/JV's bid for the project or in the alternative to appoint one of them as the Lead Member, would have all necessary power and authority to do all acts, deeds and things on behalf of the Consortium/JV, as may be necessary in connection the Consortium's/JV's bid for the project

Now this power of attorney witnesses that;

We, M/s. -----,

M/s ----- M/s. -----
(the respective names and addresses of the registered office) do hereby designate M/s ----- being one of the members of the Consortium/JV, as the Lead Member of the Consortium/JV, to do on behalf of the Consortium/JV, all or any of the acts, deeds or things necessary or incidental to the Consortium's/JV's bid for the project, including submission of application/ proposal, participating in conferences, responding to queries, submission of information/ documents and generally to represent the Consortium/JV in all its dealings with BNP, any other Government Agency or any person, in connection with the project until culmination of the process of bidding and thereafter till the end of the contract period.

We hereby agree to ratify all acts, deeds and things lawfully done by Lead Member/Lead Technical Member and the Lead Financial Member our said attorney pursuant to this Power of Attorney and that all acts deeds and things done by our aforesaid attorney shall and shall always be deemed to have been done by us/Consortium/JV.

Dated this Day of *(month)*..... *(year)*

.....

(Executants)

(To be executed by all the members of the Consortium/JV)

Note: The mode of execution of the Power of Attorney should be in accordance with the procedure, if any, laid down by the applicable law and the charter documents of the executant(s) and when it is so required the same should be under common seal affixed in accordance with the required procedure.

Section 4 - Financial Proposal - Standard Forms

Financial proposal standard forms shall be used for the preparation of the financial proposal according to the instructions provided under para. 3.3 of Section-2. Forms FIN-1 and FIN-2 are to be used whatever is the selection method indicated in para1.1 of Section-2.

All the terms of the tender document are applicable.

Form FIN-1: Financial Proposal Submission Form

[Location, Date]

To:

The Director, SUDA

Dear Sir/Madam,

We, the undersigned, offer to provide the services for [Insert title of assignment] in accordance with your Request for Proposal dated [Insert Date] and our Technical Proposal. Our attached Financial Proposal is for the "selection of Concessionaire for Bio-remediation of Legacy Waste, setting up of processing facility at Pramodnagar and Kamarhati and Sanitary Landfill at Identified Site, secondary collection and transportation, processing and disposal of Municipal Solid Waste for Dum Dum, South Dumdum, North Dumdum, Baranagar, Kamarhati and New Barrackpore Municipalities under Swatch Bharat Mission in West Bengal."

Our Financial Proposal shall be binding upon us subject to the modifications resulting from contract negotiations, up to expiration of the validity period of the proposal, i.e. before the date indicated in Clause Reference 1.9 of the Data Sheet.

No fees, gratuities, rebates, gifts, commissions or other payments have been given or received in connection with this proposal.

We understand you are not bound to accept any proposal you receive.

We remain,

Yours sincerely,

Authorized Signature [In full and initials]

: _____

Name and Title of Signatory: _____

Name of Firm: _____

Address: _____

Form FIN-2: Bill of Quantities (BOQ)

(THIS IS TO BE SUBMITTED AS PER FORMAT PROVIDED ONLINE ONLY)

Sl. No.	Item	Quantity (in Tonne)	Quoted Rate(inclusive of all taxes & duties except GST) in Rs.	GST in Rs.	Total Quoted Rate (inclusive of all taxes & duties and GST) in Rs.
1.	Operation & Maintenance of processing Plant (Compost & RDF and Biomethenation) for processing of Solid Waste (Wet Waste & Dry Waste) and Sanitary Landfill for disposal of end products for the period of 20 years in terms of tipping fee.	01			

Section 5: Terms of Reference (ToR)

1. Brief Description of Task:

SUDA, UD&MA Department, Govt. of West Bengal wishes to engage private operators for processing of Municipal Solid Waste (wet waste & dry waste) and disposal of end products as per Solid Waste Management Rules 2016 and best Engineering practices within Municipality/ Municipal Corporation limits. It will be constructed & developed subsequently after acquiring suitable land. The income derived from sale of bye products, RDF, Power, recyclable material etc. shall be of the agency. The agency will be responsible for providing services under the scope of work.

2. Background:

2.1 Introduction:

Solid Waste Management is one of the most essential services for maintaining the quality of life in the urban areas and for ensuring better standards of health and sanitation. Municipalities have overall responsibility for solid waste management (SWM) in their cities. However, most of them are currently unable to fulfill their duty to ensure environmentally sound and sustainable ways of dealing with waste generation, collection, transport, treatment and disposal. The failure of SWM can result in serious health problems and environmental degradation. In most of the cases, the waste is collected and disposed of in uncontrolled dumpsites or burned openly. This practice further aggravates environment through impacts on water and air. The problem of SWM in India, when combined with rapid urbanization and unplanned development, is expected to be of such magnitude that significant reasons exist to initiate immediate action for improvements.

2.2 Objective:

The overall objective of this project is to create an efficient and effective solid waste management system in Dum Dum, South Dum Dum, North Dum Dum, Baranagar, Kamarhati and New Barrackpore Municipalities. The sub objectives are as follows:

1. To comply with Solid Waste Management Rules, 2016 and applicable laws, rules, guidelines in India and best Engineering practices through Public Private Participation.
2. To improve the existing standards of public health and environmental quality by establishing technically suitable MSW processing plant for conversion of MSW to useful products- Compost /Bio gas/ Energy / RDF Incl. Recycling of recoverable material and safe disposal of residue inert waste as generated during waste processing at the ear marked position to be shown.
3. Improve productivity of manpower, materials and equipment and promote economic operations of services.
4. Promote and protect the quality and sustainability of overall urban environment in the service area.

3. Scope of Work:

SUDA is desirous of implementing an 'Integrated Municipal Solid Waste Management Project' covering various components of waste. So part of the services

(Bioremediation of Legacy Waste and Processing & disposal of Fresh Waste) are being contracted in this contract.

I. Scope of the Bidder :

A. For Bioremediation Process of Legacy Waste:

- a. The concessionaire will be given earmarked land area for reclamation and there will be a separate area for dumping of fresh waste.
- b. The contractor shall deploy sufficient machinery, manpower and required resources to execute the project scope within the project duration.
- c. Construction of temporary shed, platform and creation of facilities for handling, separating, segregating, storing and quantifying of the excavated MSW and processing material.
- d. Construction of temporary site office, water, power, sanitation facilities to workers as per statutory standards.
- e. The Concessionaire shall take necessary steps and processes to minimize environmental pollution while carrying out remediation/ reclamation of legacy waste at both the Dump sites. The Concessionaire shall take all reasonable steps to ensure to undertake required efforts to mitigate the impact of odor and dust. Also, ensure treatment of leachate from legacy waste prior to its disposal. The Concessionaire shall mitigate menace caused by flies, rodents and bird and fire hazards in and around the Dump sites during the period of reclamation.
- f. The Bioremediation activity should be carried out in accordance with Guidelines for Disposal of Legacy Waste (Old Municipal Solid Waste),2019.
- g. Set up an eco-friendly processing system in order to reduce the impact of the dumping site on the adjacent areas.
- h. Monitor ground water quality (in accordance with CPCB norms), work zone air quality and ambient air quality monitoring within the site from NABL accredited laboratories/agencies and submit the report on quarterly basis.
- i. Carry out leachate management of existing leachate (if any) at the site in accordance to the applicable rules and regulations.
- j. The Concessionaire shall take all Applicable Permits and approvals in sequence and comply with the CPCB and WBPCB norms therein from time to time.
- k. Selling, diverting for recycling, marketing and recycling the excavated materials within 15 (fifteen) days of segregation, without any accumulation in the storage facility at the project site will be the responsibility of the Bidder.
- l. The Concessionaire also needs to cater to the incoming fresh waste to these dump sites during the course of reclamation activity.
- m. The Concessionaire to ensure that un-usable fraction of solid waste/rejects should not exceed more than 20% of total legacy waste.
- n. The Concessionaire shall explore the possibility of minimizing the disposal of processing rejects and maximize the usage of such processing rejects including but not limited to making of curb side blocks, filling of low-lying areas, construction of roads etc. To facilitate the disposal of rejects, SUDA has identified a low-lying land area in Panihati (approximately at a distance of 12km). If opted, the Concessionaire

- needs to develop this low-lying area in Panihati with an impermeable liner system for disposal of rejects and perform proper compaction, so that the site can be available for future use to put in new infrastructure.
- o. Provide weighbridge to measure the quantity of waste subjected to Biomining at dump site and rejects going out of the Dump site as approved by SUDA. The Concessionaire shall ensure that the weighbridge is installed from the start date of remediation activity. The weighing system shall be fully online electronic, automatic system equipped with the latest technology along with backup server facility. Data of weighing system shall be maintained properly for the entire contract period with backup server facility and shall be provided as & when required by SUDA/Municipality officials and other competent authorities.
 - p. Hazardous waste such as physical, chemical, biological, reactive, toxic, flammable, explosive or corrosive waste, if found, during excavation, sorting or segregation shall be handled as per the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.
 - q. The revenue or the income from the sale of the segregated useful material such as reusable and recyclable, Compost, soil conditioner, raw RDF, C&D, Soil or any other by-product materials shall go to the Concessionaire account.
 - r. The Concessionaire shall use the reclaimed land area for development of processing plant.
 - s. Providing security arrangement for the project site, machineries, equipment etc. at its own cost of the Concessionaire.
 - t. Electricity, water etc. utility expenses/ charges will be borne by the bidder.

B. For Biomethanation Facility Plant:

The selected bidder/agency would be required to take up following components under this contract assignment at their cost:

- a. Design, Build, Install and Commissioning of 100 TPD capacity of Municipal Solid Waste Processing facility based on Biomethanation Technology with pre-sorting facility at Promodnagar site during the contract period and O&M for 20 years (Renewable based on effective performance).
- b. Preparation of design, drawing and specifications of required civil works and plant & machinery of capacity for processing of waste likely to generate till next 20 years.
- c. All the design, drawing & specification should be vetted from any Govt. institute/ authorities preferably within the state boundary as per approval of TIA/representative. The amount needed for vetting to be borne by the concerned agency.
- d. The dispensing unit for the gas shall be provided by the bidder.
- e. The wet waste should be collected from the designated secondary transfer points and transported up to the processing plant.
- f. The bidder shall provide fencing/ boundary wall along the perimeter of the Project Site and arrange adequate lighting system for easy operations in the working area as well as to the access ways.
- g. The bidder shall also set up a leachate treatment facility in accordance of applicable rules and regulations.
- h. All sites should be visited before quoting of the rates at the expenses of agency.

- i. All tests should be done from any Govt. Institutions or Authorities or any reputed NABL accredited.
- j. All types of clearance and NOC required for Installation / Commissioning and Operating have to be taken from appropriate authorities beforehand. SUDA/ULB/Corporations will only provide necessary support for acquiring such clearance/NOC.
- k. The bidder will minimize mal odour generation, prevent off-site migration of gaseous emissions. Ambient air quality at the site and in the vicinity shall be monitored to meet the specified standards as per CPCB and SPCB rules and regulations.
- l. Installation of plant & machinery for waste processing.
- m. The bidder should ensure that the gas supplied by him should comply to the prevailing standards for Automotive use to be used as fuel.
- n. The processing plant shall meet standards prescribed by Ministry of Environment & Forest and other applicable laws, rules, guidelines and best Engineering practice.
- o. Electricity, water etc. utility expenses/ charges will be borne by the bidder.

C. For Integrated Compost & RDF Facility Plant:

The selected bidder/agency would be required to take up following components under this contract assignment at their cost:

- a. Design, Build, Install and Commissioning of 450 TPD capacity and 180 TPD capacity of Municipal Solid Waste Processing facility based on integrated system for Compost & RDF with pre-sorting facility at Promodnagar site and Kamarhati site respectively during the contract period and O&M for 20 years (Renewable based on effective performance).
- b. Preparation of design, drawing and specifications of required civil works and plant & machinery of capacity for processing of waste likely to generate till next 20 years.
- c. All the design, drawing & specification should be vetted from any Govt. institute/ authorities preferably within the state boundary as per approval of TIA/representative. The amount needed for vetting to be borne by the concerned agency.
- d. The solid waste should be collected from the designated secondary transfer points and transported up to the processing plant.
- e. The bidder shall provide fencing/ boundary wall along the perimeter of the Project Site and arrange adequate lighting system for easy operations in the working area as well as to the access ways.
- f. The bidder shall also set up a leachate treatment facility in accordance of applicable rules and regulations.
- g. All sites should be visited before quoting of the rates at the expenses of agency.
- h. All tests should be done from any Govt. Institutions or Authorities or any reputed NABL accredited.
- i. All types of clearance and NOC required for Installation/ Commissioning and Operating have to be taken from appropriate authorities beforehand. SUDA/ULB/Corporations will only provide necessary support for acquiring such clearance/NOC.

- j. The bidder will minimize mal odour generation, prevent off-site migration of gaseous emissions. Ambient air quality at the site and in the vicinity shall be monitored to meet the specified standards as per CPCB and SPCB rules and regulations.
- k. Set up and operate the integrated system for Compost & RDF facility in the city.
- l. The processing plant shall meet standards prescribed by Ministry of Environment & Forest and other applicable laws, rules, guidelines and best Engineering practice.
- m. Dispose the recyclables recovered at the integrated system for Compost & RDF facility as per the SWM Rules 2016 and other applicable environmental laws.
- n. Electricity, water etc. utility expenses/ charges will be borne by the bidder.

D. For Sanitary Landfill Facility:

The selected bidder/agency would be required to take up following components under this contract assignment at their cost:

- a. Design, drawing, construct & build Sanitary Landfill at the designated location.
- b. Preparation of design, drawing and specifications of required civil works for the disposal of inert/end product likely to generate from processing plants for a minimum period of 20 years as per SWM rule 2016.
- c. All the design, drawing & specification should be vetted from any Govt. institute/ authorities preferably within the state boundary as per approval of TIA or his/her authorized representative. The amount needed for vetting to be borne by the concerned agency.
- d. The inert materials should be collected from all the processing plants.
- e. Land for SLF is to be finalized within 35 km and handed over to the Concessionaire within 9 months from issuance of LoI.
- f. All tests should be done from any Govt. Institutions or Authorities or any reputed NABL accredited laboratory.
- g. All types of clearance and NOC required for Setting up of SLF should have to be taken from appropriate authorities beforehand. SUDA/ULB/ Corporations will only provide necessary support for acquiring such clearance/NOC.
- h. The Sanitary Landfill shall meet standards prescribed by Ministry of Environment & Forest and other applicable laws, rules, guidelines and best engineering practice.
- i. Electricity, water etc. utility expenses/ charges will be borne by the bidder.
- j. To Operate and Maintain the Sanitary Landfill Facility as per the Schedule I of Solid Waste Management Rules, 2016 and also follow all technical specifications as per CPHEEO 2016 SWM Manual Published by Ministry of Environment, Forests and Climate Change (MOEF&CC).
- k. The contractor is responsible for making arrangement for daily soil cover as specified in the Schedule I of Solid Waste Management Rules, 2016.

E. For secondary transportation of waste to the processing facilities:

- a. To undertake detailed field survey and planning to optimize the existing secondary collection points and finalization of secondary collection points with Municipality to undertake collection and transportation of waste to processing site from secondary collection points.
- b. Upgrade/ replace secondary waste collection Points for transportation of waste to processing site from secondary collection points.
- c. The Concessionaire shall transport MSW from Secondary Collection Points to the Processing Facilities i.e. Pramod Nagar and Kamarhati on a daily basis. The Pramod Nagar processing site will cater for waste collected from Dum Dum, North Dum Dum, South Dum Dum and Baranagar Municipalities Secondary collection points, whereas the Kamarhati processing plant site will cater for waste collected from Kamarhati and New Barrackpore Municipalities secondary collection points.
- d. The Concessionaire shall deploy adequate number of vehicles to transport the MSW generated in the secondary collection points to the Processing Facility at its own cost.
- e. The Concessionaire shall deploy closed vehicles, which can carry segregated waste as per applicable Law and waste should not be exposed to open environment. The vehicles deployed shall be road worthy conforming to approval from the State Transport Authority.
- f. The Concessionaire shall provide automatic position identification systems using Global Positioning System (GPS) technology which shall ensure automatic tracking and recording of vehicle identification and movement in all vehicles and provide a live GPS feed to SUDA/Municipality.
- g. The Concessionaire shall display Municipality name (and social message given by Municipality) and logo of Swachh Bharat Mission on the transportation vehicles and shall display any other form of advertisement on the transportation vehicles for any other advisories that would be undertaken, the Concessionaire shall abide by the Applicable Laws.
- h. The drivers appointed/engaged by the Concessionaire shall have a valid driving license as desired for the specific vehicle complying with Motor Vehicle Act, 2019.
- i. All vehicles shall have High Security Registration Plate as per Motor Vehicle Act, 2019.
- j. All penalties, levies and fines levied in relation to the activities/ operations of the Concessionaire under the Project, shall be borne by the Concessionaire only without any liability of the Designated Municipality/ Participating Municipalities/ SUDA.

II. Scope of the Municipality/ Municipal Corporation:

- a. Provide land of suitable size for setting up the plants and construction of SLF to the agency.
- b. Provide assistance to the agency towards getting any types of clearance/ NOC or electric / water connections etc.
- c. Conduct capacity building workshops and through IE&C spread the awareness for

waste segregation at source.

III. Sale of Recyclables, Products or Bye-products :

- a. The concessionaire will process the fresh waste using appropriate technology such that the waste after processing is reduced to less than 10% of the total waste.
- b. The concessionaire shall segregate all reusable & recyclable material including debris and construction material and shall dispose off them as per the provisions made in SWM Rules, 2016.
- c. The concessionaire shall also assess the market and provide details for comprehension of the marketing plans for all bye-products. The concessionaire shall make all efforts to sell 100% of such products & bye-products every day so that the reusable & recyclable by-products are not required to be stored at the site more than three days of generation of the bye-products.

IV. Record keeping and Reporting :

- a. The concessionaire on behalf of client will keep the weigh bridge record of entry of waste received and exit of waste/inert materials after processing on daily basis. The ULB authority is authorized to inspect/audit the accounts.
- b. The concessionaire shall maintain and submit electronic reports of the above records, using software and formats approved by the ULB, on a monthly basis. All records shall be available to ULB at reasonable times and places throughout the term of any contract resulting from this RFP and for a period of twenty (20) years.

The concessionaire shall not use the land of waste processing site for any commercial purpose or for any other purpose other than that for processing of waste.

Green Belt should be maintained in accordance with O&M Plan and Operations Protocol.

V. Routine Maintenance Standards :

In order to ensure smooth and uninterrupted operations, routine maintenance of the waste processing facilities shall include but not be limited to:

- a. Prompt repairs of the storage and waste drying places, Leachate collection drainage and treatment system, electrical items, drains, vehicular passages, sieving machineries, lighting and fencing etc.;
- b. Replacement of equipment/consumables, horticultural maintenance and repairs to equipment, structures and other civil works which are part of the waste processing facility.
- c. Maintaining the shape, scope, full cross-section of the storm water drainage system and Leachate collection and drainage system; maintain stock spare parts for the machinery.
- d. Keeping the waste processing facility in a clean, tidy and orderly condition and taking all practical measures to prevent damage to the facility or any other property on or near the site.

- e. Undertaking maintenance works in accordance with the O&M Plan and Operations Protocol.
- f. The rejects from the processing should not be more than 10% of the total waste. The rejects shall be carried and disposed to the designated landfill site in the processing plant area.
- g. Preventing, with the assistance of law enforcement agencies, where necessary, any unauthorized entry to and exit from and any encroachments including any encroachments on the site.
- h. Taking all reasonable measures for the safety of all the workmen, material, supplies and equipment brought to the site. Explosives, if any, shall be stored, transported and disposed of by the Concessionaire in accordance with Applicable Laws/ Permits.
- i. For discharge of waste water and foul gasses, emission standards to be followed strictly as per prevailing PCB,CPCB,CPHEEO or any Govt. norms.
- j. Monitoring system for air quality standard at the point of outlet should be maintained round the clock and the report should be made available as and when required by SUDA/ULB/Corporation/Authority.
- k. Suitable treatment process should be maintained inside the plant before discharging the waste water into drains/nullahs/water bodies.
- l. Plantation of adequate numbers should be done and maintain to reduce the noise and air pollution from the plant.
- m. No work at night shall be done. Special permission shall be taken beforehand from the appropriate authority if needed.
- n. All the vehicles to be used by the agency in and outside the plant shall strictly follow latest emission standard.
- o. The site shall be made available for inspection at any time as and when felt necessary by the Authorities.
- p. All the materials to be used for construction/maintenance shall be of ISI mark.
- q. After completion of the commissioning of the plant, three sets of approved drawing consisting sewer line drawing, water supply line drawing, fire fighting arrangement details to be handed over to the SUDA/ULB/Authority.
- r. Suitable fire fighting arrangement shall be made as per prevailing norms and standards laid down by the Govt.
- s. Arrangement for rainwater harvesting shall be done within the plant area.
- t. There shall be a monitoring system at the entry, exit and weigh bridge from ULB/Corporation/Authority end. The monitoring system may be manual/mechanized round the clock.

VI. Emergency Response Plan :

The Emergency Response Plan (" ERP") shall be developed by the Concessionaire. This shall be a part of the Operations Protocol developed by the Concessionaire. The ERP shall set out steps to be taken and measures to be adopted by the Concessionaire in responding to dealing with Emergency including those situations related to personal injuries or fatalities, property damage and force majeure as follows:

In the event of an Emergency, the Concessionaire shall immediately carry out an inspection of the area affected by the Emergency. Where Emergency has necessitated closure of the Waste processing facility or part thereof, the Concessionaire shall promptly carry out any repair works necessary to restore the waste processing facilities to safe condition and in any event shall carry out such works before the affected area

of the project facilities is re-opened to for normal operations.

The Concessionaire shall ensure that sufficient staff, plant, equipment and materials, including without limitation medical assistance are available to respond to Emergency within reasonable period at all times during the Operations Period.

VII. The scope would not include :

The concessionaire will not be responsible for collection & transportation of waste from the source of generation. Segregation at source, door to door collection of waste & transportation of waste up to secondary storage point will be done by the ULB/Development Authority/Township Authority. The concessionaire is also not responsible for construction of approach road up to processing site. The client will be constructed the approach road at his level.

VIII. List of designated secondary transfer points/locations in different ULBs:

a. North Dum Dum Municipality:

Total nos. of secondary transfer points/ locations are twenty three (23).The average distance from processing plant is 9 KM.

b. South Dum Dum Municipality:

Total nos. of secondary transfer points/ locations are seventy one (71).The average distance from processing plant is 12 KM.

c. Dum Dum Municipality:

Total nos. of secondary transfer points/ locations are thirty one (31).The average distance from processing plant is 7 KM.

d. Baranagar Municipality:

Total nos. of secondary transfer points/ locations are seven (7).The average distance from processing plant is 7 KM.

e. Kamarhati Municipality:

Total nos. of secondary transfer points/ locations are fifty three (53).The average distance from processing plant is 4 KM.

f. New Barrackpore Municipality:

Total nos. of secondary transfer points/ locations are thirteen (13).The average distance from processing plant is 14 KM.

4. Performance Security against the Work :

Within fifteen (15) days of the receipt of letter of acceptance cum work order from the Employer, the successful bidder shall:

- a. Furnish the Performance Security for an amount of Rs. 11,00,00,000.00 (Eleven crore only) in the form of Bank guarantee from any Scheduled/Nationalized Bank/Public Financial Institution valid for 36 months from the date of issue of letter of acceptance cum work order.
- b. Attend office of Employer to sign the agreement on non-judicial stamp papers as fixed by State Government.
- c. Failure of the successful bidder to submit the above-mentioned Performance Security or sign the contract shall constitute sufficient grounds for the annulment of the award and forfeiture of the Earnest Money Deposit.

5. Forfeiture of Security Deposit against Work :

If during the term of this contract, the agency/ service provider is in default of the due and faithful performance of his obligations under this contract, the authority shall, without prejudice to its other rights and remedies here under or at the applicable Law, be entitled to call in, retain and appropriate the security deposit. The security deposit shall be appropriated upon termination of contract by the authority for any default.

6. Refund of Security Deposit against Work :

The EMD for the successful Bidder will be converted to Security Deposit and additional amount of 10% will be deducted towards Security Deposit from each monthly invoice. Such deducted total amount will be refunded after 24 months on completion of each year.

7. Contract management and counterpart staff :

SUDA will be the Contract Management Agency. SUDA/ULB/Authority shall also designate one nodal officer and other counter-part staff for co-ordination with different line agencies, other Govt. agencies, and assist concessionaire for obtaining necessary approval from State Pollution Control Board, SEIAA and any other government department/ agency. The SUDA/ULB/Authority shall also assist the concessionaire for award of any subsidy on production & sale of the bye product from waste (if available from state/ central government).

8. Taxes :

The concessionaire shall pay all duties & taxes to the central / state government that may be levied in accordance to the laws and regulation in-force on the equipment, materials, supplies (permanent, temporary and consumables) to be used on or furnished under the contract and on the operations to be performed under the contract. Nothing in the contract shall relieve the agency from his responsibility to pay any tax that may be levied on its operations or on profits made by him in respect of the contract.

Concerned SUDA/ULB/Authority shall not take any responsibility for any kind of tax payment to the Government or Quasi-Government bodies at any point of time, other than

those required to be deducted at source before the payments are made to the agency under any law & those practice to the concerned ULB/Authority. The agency shall perform such duties in regard to such deductions thereof as may be imposed on him by such laws and regulations.

9. Penalties :

- a. Penalty of Rs.3.00 lakh per month will be imposed for delay in commissioning of processing plant beyond the scheduled date. One month will be considered if the delay is more than 21 days but less than 31 days.
- b. The concessionaire is responsible for storage / transportation / disposal of residual waste safely as per the provisions made in the SWM Rules, 2016. The residual waste should not be dumped on road side or on other's property. If the residual waste is dumped on road side, a penalty of Rs. 10,000/- per event will be charged to the concessionaire.
- c. If the quantity of inert waste to be disposed off in the landfill is more than the 20% and 10% quantity of legacy waste and fresh waste respectively, received at site a charge of Rs.3000 per ton shall be charged on the extra weight than 20% and 10% quantity of legacy waste and fresh waste respectively.

10. Hand Back and Transfer :

In the last year of operation, the SUDA/ULB/Authority shall deploy its engineers, technical persons and workers for processing of waste on the processing plant so that beforehand back and transfer, the SUDA/ULB/Authority will be able to continue to operate the processing plant. The concessionaire will handhold the technical staff & workers of SUDA/ULB/Authority for last one year of contract.

The ownership of processing site, processing plant, building etc. and all civil works including all modifications, renovations and improvements made their in shall at all times remain that of SUDA/ULB/Authority. At the end of the contract period and or its earlier termination, the agency shall request SUDA/ULB/Authority to take over the office space, processing site, processing plant and building etc. The SUDA/ULB/Authority shall take over the same within thirty (30) days of such a request being made.

At the end of the contract period, the agency shall hand back peaceful possession of processing plant and building/sheds etc. in good operable condition to the SUDA/ULB/Authority.

At least three (3) months before the expiry of contract period, a joint inspection of the processing plant and building shall be under taken by the Competent Authority and agency to prepare a list of works and jobs, if any, to be carried out under the contract so as to confirm to the O&M requirements. The agency shall promptly undertake and complete such work and jobs at least one month prior to the expiry of the contract period and ensure facilities continue to such requirements until the same are handed back to the Competent Authority.

11. Human Resource :

- a. The agency shall, during the contract period, have requisite staff/representatives as required to run the plant and to be responsible for all necessary exchange of information required for performing operations and providing services under this contract.
- b. The agency shall be responsible for health safety measures of his workers.
- c. The agency shall comply with all the provisions of the laws regarding deployment of labour under the contract. It shall be the liability and responsibility of the agency to implement the provisions of Acts; the Contract Labour (Regulation and Abolition) Act, 1970, the Minimum Wages Act, 1948 and the Workmen's Compensation Act, 1923. In addition to followings:
- d. The agency shall not employ in connection with the operations and services under this contract any person of less than 18 years age.
- e. At all times during continuance of the contract, the agency shall abide by all existing and future labour enactment and rules made there under, regulations, notifications and bye-laws of the Central, State or Local Government. The agency shall keep the ULB indemnified in case any action is taken against the ULB by any Authority on account of contravention of any of the provisions of any Act or rules made there under, regulations or notifications including amendments.
- f. The agency shall keep all records desired under the said labour laws, submit periodical returns to the respective statutory Authority. The agency shall in respect of labour employed by him comply with or cost to be complied with provisions of the various labour laws and the Rules and Regulations as applicable to them in regards to matters provided therein.
- g. The agency shall obtain the license in accordance with the Rules and Provisions of Contract Labour (Regulation and abolition) Act, 1970 and adhered all terms and condition stipulated therein, if applicable.
- h. The agency shall pay the staff deployed by him under this contract as per the minimum wages act in force and amendments.
- i. Not with standing anything contained herein, the Competent Authority may take such action as may be necessary for compliance of the various Applicable Labour Laws and to recover the cost there of from the agency.

12. Events of Default :

An event of default on the part of the agency, which results from the agency being unable to fulfil his service obligations under the contract, shall be deemed as a serious default, and is said to have occurred due to any of the following causes:

- (a) The agency;
 - i. Has repudiated the contract, or
 - ii. Without reasonable excuse has failed to commence operations in accordance to the conditions of contract and/or failed to complete the activities/operations within the

time stipulated for completion of the contract.

(b) Gross misconduct of the agency;

- i. Despite previous warning from the Competent Authority, in writing, is otherwise persistently or flagrantly neglecting to comply with any of his obligations under the contract;
- ii. The agency persistently fails to follow good operating practices in execution of the contract;
- iii. The agency stops providing all services or part of services without authorization from the Competent Authority;
- iv. The Competent Authority gives notice that failure to correct a particular defect is a fundamental breach of contract and agency fails to correct it within a reasonable period of time determined by the Competent Authority;
- v. If the agency is in breach of any law or statute governing the operations.
- vi. The agency, in the judgment of the ULB, has engaged in corrupt and fraudulent practices in competing for or in carrying out the operations under the contract.
- vii. The agency (in case of a consortium/joint venture) has modified the composition of the consortium and/or the responsibility of each member of the consortium without prior approval of the Competent Authority.
- viii. The agency is unable to maintain the composition and structure of his organization due to any of the following causes.
 - The agency enters into voluntary or involuntary bankruptcy, or liquidation;
 - The agency becomes insolvent;
 - A receiver, administrator, trustee or liquidator is appointed over any substantial part of its assets; and
 - Any act is done or event occurs with respect to the agency or his assets, which, under any applicable law has substantially similar effect to any of the foregoing acts or events.

13. Termination of contract due to event of default by Agency :

- a. Without prejudice to any other right or remedy which Competent Authority may have in respect thereof under this contract, upon the occurrence of agency Event of Default, the Competent Authority may, subject to the provisions of this contract, terminate this contract in the manner as set out under:
 - i. If Competent Authority decides to terminate this contract upon the occurrence of agency's Event of major Default, in the first instance, he shall issue preliminary notice to the agency. Within fifteen (15) days of receipt of preliminary notice, the agency shall submit to Competent Authority in sufficient detail, the manner in which he proposes to cure the underlying Event of Default. In case of non- submission of the agency's proposal to rectify within the said period of fifteen (15) days, Competent Authority shall be entitled to terminate this contract by issuing termination notice and to appropriate security deposit. If the total amount due to the Competent Authority exceeds any payment due to the agency, the difference shall be a debt payable to the Competent Authority.
 - ii. If any irregularities are found in the accounts of sale at any time, the

Competent Authority shall notify the concessionaire for not more than 15 days to rectify the accounts. If the accounts are not regularised within 15 day of issue of notice by the Competent Authority, the contract may be terminated without further notice.

- iii. If the agency's proposal to rectify the underlying event of default is submitted within the period stipulated therein, the agency shall have further period of fifteen (15) days to remedy/cure the underlying event of default. If, however the agency fails to remedy/cure the underlying event of default within such further period allowed, Competent Authority shall be entitled this contract, by issue of termination notice and to appropriate to security deposit. If the total amount due to the Competent Authority exceeds any payment due to the agency, the difference shall be a debt payable to the Competent Authority.

b. Withdrawal of Termination Notice;

Notwithstanding anything inconsistent contained in this contract, if the agency served with the termination Notice cures the underlying event of default to the satisfaction of Competent Authority at any time before the termination occurs, the termination notice shall be withdrawn by the Competent Authority which had issued the same. Provided that the party in breach shall compensate the Competent Authority for any direct costs/ consequences occasioned by the event of default which caused the issue of termination notice.

14. Termination of contract due to convenience of Competent Authority :

The contract may also be terminated by the Competent Authority by giving minimum 30 days' notice to the agency for any administrative reason or due to the order issued by the State Government or due to the decision taken by the Competent Authority.

15. Force Majeure Event :

1. Any of the following events which is beyond the control of the party claiming to be affected thereby ("Affected Party"), and which the Affected Party has been unable to overcome or prevent despite exercise of due care and diligence, and result in Material Adverse Effect shall constitute Force Majeure Event:
 - (a) Earthquake, flood, inundation and landslide;
 - (b) Storm, tempest, hurricane, cyclone, lightning, thunder or other extreme atmospheric disturbances;
 - (c) fire caused by reasons not attributable to the agency/ULB or any of the employees, or agents of the agency/ULB.
 - (d) Acts of terrorism
 - (e) Strikes, labour disruptions, any other disruptions or public unrest not arising on account of acts of the agency/ULB
 - (f) Action of Government Agencies having Material Adverse Effect, including but not limited to:
 - Acts of expropriation compulsory acquisition or take over by any Government agency of the processing/ landfill site facilities or any part thereof.
 - Any judgment or order of a court of competent jurisdiction or statutory authority in India made against the agency in any proceeding, which is non-

collusive and duly prosecuted.

- any unlawful, unauthorized or without jurisdiction refusal to issue or to renew or the revocation of any applicable permits, in each case for reason other than the agency's breach or failure in complying with the SWM rule, 2016, O&M requirements defined in the contract, applicable laws, applicable permits, any judgment or order of any Government Agency or of any contract by which the agency as the case may be is bound.
 - Early termination of this agreement by ULB for reason of national emergency or national security.
 - (g) war, hostilities (whether declared or not), invasion, act of foreign enemy, rebellion, riots, weapon conflict or military actions, civil war, ionizing radiation, contamination by radioactivity from nuclear fuel, any nuclear waste, radioactive toxic explosion, volcanic eruptions.
 - (h) Strikes, work to rule actions, go slow or similar labour difficulty in the city as a whole and not specific to the work
 - (i) Any resistance from the citizens or any other groups not allowing to operate the plant stipulated in the tender.
2. Force Majeure shall not apply in the following circumstances and events:
- (a) Un-availability, late delivery of the spares, , machineries, materials and consumables for the work on account of change in cost, delay in manufacture;
 - (b) A delay in performance of any other agency or employees of the agency;
 - (c) Non-performance of machineries resulting from wear and tear and not maintained in time.
 - (d) Non performance on account of failure to comply with any laws of India related to the work.
3. Neither ULB nor the agency shall be considered in default or in contractual breach to the extent that performance of obligations is prevented by a Force Majeure Event which arises after the date of issue of work order.
4. Upon occurrence of an event considered by the agency to constitute Force Majeure and which may affect performance of his obligations, he shall promptly notify ULB's representative, and shall endeavour to continue to perform his obligations as far as reasonably practicable. The agency shall also notify ULB's representative of any proposals, including any reasonable alternative means for performance, but shall not effect such proposals, without the consent of ULB's representative.
5. Upon occurrence of any event considered by ULB to constitute Force Majeure, and which may affect performance of ULB's obligations, he shall promptly notify the agency and the agency's representative, and shall endeavour to continue to perform his obligations as far as reasonably practicable. ULB shall also notify the agency of any proposals with the objectives of completing the works and mitigating any increased costs to ULB and the agency.
6. Procedure for Calling Force Majeure:
- (i) The Party claiming Force Majeure shall inform the other Party of the situation of Force Majeure as soon as reasonably practicable. The efforts made by the

affected party in overcoming the effects will be conveyed to the other party with supporting data including relief from them.

- (ii) The affected party shall also inform to the other party cessation of the Force Majeure or circumstances and report regarding the total relief of what so ever nature desired by the affected party.
- (iii) Neither party shall then be responsible or liable for any action under the tender conditions for failure or delay in performance of the work under the contract.
- (iv) The period allowed for restoration of the normal performance by the parties of such obligation shall be extended on day to day basis based on merit and mutual consent of the parties.
- (v) Each party shall use reasonable efforts to mitigate the effects of any event or circumstances of Force Majeure and to cooperate to develop and implement a plan of remedial and reasonable alternative measures to remove the event of Force Majeure. The affected should take lead and exert to resume normal performance of its obligation under the tender conditions.
- (vi) The agency shall perform his obligations under the contract as near as it is reasonably practical, also shall seek all reasonable alternative means of performance.
- (vii) When the affected party is able to resume performance of its obligations under this contract, it shall promptly give the other party a written notice to that effect provided that in no event shall the suspension of performance be of greater scope and of longer duration than is necessitated by Force Majeure.
- (viii) The rights and obligations of the affected party shall be suspended to the extent they are affected by the Force Majeure; ULB shall not be liable to make any payment to the agency for him being affected on account of Force Majeure. In this situation, the agency shall only be paid for the work done, since unforeseen situation should be shared by both, ULB and agency.

16. No Breach of Obligations :

The agency shall not be considered to be in breach of his obligation under this contract nor shall it incur or suffer any liability if and to the extent performance of any of his obligations under this contract is affected by or on account of any of the following:

- i. Force Majeure Event,
- ii. Compliance with the instruction of the Competent Authority /Representative of Competent Authority or the directions of any Government Agency other than instructions issued as a consequence of a breach by the contract of any its obligations hereunder.

17. Settlement of Accounts :

- i. Upon termination of the contract prior to the completion of contract under clause 12 above, the amount due to the agency shall be recovered by appropriating the performance security. No compensation will be paid to the agency for capital investment done by the agency on civil works and on plant &

machinery.

ii. Upon termination of the contract under clause 14 or upon termination of contract due to occurrence of force majeure events mentioned in clause 15 above, the value of civil structures and plant & machinery as on the date of termination will be paid by the ULB to the agency after adjustment of amount due to the agency. The valuation will be done by deducting the depreciation from the original value of assets. The valuation amount should be agreed by both parties. In case of dispute on valuation amount between two parties, state Building Construction Department or CA appointed by the Urban Development & Municipal Affairs Department will assess the valuation of assets. In such case, the performance security will also be returned by the ULB.

18. Procedure for Disputes & Arbitration :

a. Amicable Settlement:

Performance of the contract is governed by the terms & conditions of the contract, in case of dispute arises between the parties regarding any matter under the contract, either Party of the contract may send a written Notice of Dispute to the other party. The Party receiving the Notice of Dispute will consider the Notice and respond to it in writing within 30 days after receipt. If that party fails to respond within 30 days, or the dispute cannot be amicably settled within 60 days following the response of that party, clause-b shall become applicable.

b. Arbitration:

In the case of dispute arising upon or in relation to or in connection with the contract between the Employer and the Consultant, which has not been settled amicably, any party can refer the dispute for Arbitration under (Indian) Arbitration and Conciliation Act, 1996. Such disputes shall be referred to an Arbitral Tribunal consisting of 3 (three) arbitrators, one each to be appointed by the Employer and the Consultant, the third arbitrator shall be chosen by the two arbitrators so appointed by the parties and shall act as Presiding Arbitrator. In case of failure of the two arbitrators, appointed by the parties to reach a consensus regarding the appointment of the third arbitrator within a period of 30 days from the date of appointment of the two arbitrators, the Presiding arbitrator shall be appointed by the Principal Secretary of the Department. The Arbitration and Conciliation Act, 1996 and any statutory modification or re-enactment thereof, shall apply to these arbitration proceedings.

Arbitration proceedings shall be held in Kolkata, India at a mutually agreed upon place and the language of the arbitration proceedings and that of all documents and communications between the parties shall be English.

The decision of the majority of arbitrators shall be final and binding upon both parties. The expenses of the arbitrators as determined by the arbitrators shall be shared equally by the Employer and the Consultant. However, the expenses incurred by each party in connection with the preparation, presentation shall be borne by the party itself. All arbitration awards shall be in writing and shall state the reasons for the award.

Section 6 - Standard Contract Document

Section I: FORM OF CONTRACT

CONTRACT FOR : [Please insert name of project]
CONTRACT NUMBER : [Please insert Contract number or Tender Number]

THIS CONTRACT is made on the date ----- day of ----- (month), 2020

BETWEEN : The Director, SUDA.
(here in after referred to as "the Client")

AND : [Please insert name of agency – this should be the lead firm
in case of association. In case of JV, all partners should be
mentioned] (hereinafter referred to as "the Agency or the
Concessionaire or the Service Provider")

WHEREAS : [Please insert nodal officer and communication address of the agency]
:a. Director, SUDA requires the agency to provide the services as
defined in Section 5 of this contract ("Terms of Reference") to support
their project; and
b. the agency has agreed to provide the services on the terms and
conditions set out in this contract.

IT IS HEREBY AGREED as follows:

1. Documents:

This Contract shall be comprised of the following documents:

- a. Form of Contract, b. General Conditions, c. Special Conditions,
d. Terms of Reference, e. Schedule of Prices,

This Contract constitutes the entire agreement between the Parties in respect of the bidders obligations and supersedes all previous communications between the Parties, other than as expressly provided for in General Conditions, Special Conditions, & Terms of Reference.

2. Commencement and Duration of the Services:

The agency shall start the construction of civil works and installation of plant and machinery on [please insert date] ("the First Start Date") and shall complete it by [please insert date] ("the First End Date") and shall start operation of plant on or before [please insert date] ("the Second Start Date") and shall complete it by [please insert date] ("the Second End Date") unless this Contract is terminated earlier in accordance with its terms and conditions.

3. Financial Limit:

The Concessionaire shall quote price in terms of tipping fees for processing of Municipal Solid Waste during the period for 20 years. ("the Financial Limit").

4. Time of the Essence:

Time shall be of the essence as regards the performance by the Agency of its obligations under this contract.

Dated:

For and on behalf of

Client Name:

Date:

For and on behalf of Agency

Name:

Date:

Section II - GENERAL CONDITIONS OF CONTRACT

THE CONTRACT:

A. DEFINITIONS:

In the Contract (as defined below) the words and expressions defined below shall have the meanings assigned to them, except where the context requires otherwise.

1. Documents:

- (i) "Acceptance Letter" means the document from the Employer on behalf of the Director, SUDA addressed to the Agency indicating acceptance of the Contract Price and its acceptance of the Agency as the preferred party to carry out the works, perform services and operations under the Contract.
- (ii) "Activity Schedule" means schedule of activities comprising the different tasks/operations to be performed by the Agency under the Contract.
- (iii) "Affected Party" means Party claiming to be affected by a Force Majeure Event as described in the bid document.
- (iv) "Agency's Bid" means the completed document submitted by the Agency to the ULB. The term Agency's Bid and tender have been used synonymously.
- (v) "Applicable Law" means all laws in force and effect as of the date hereof and which may be promulgated or brought into force and effect and here in after in India, including judgments, decrees, injunctions, writs or orders of only court of record, as may be in force and effect during the subsistence of Agreement to be signed under this Contract.
- (vi) "Applicable Permits" means all clearances, permits, authorizations, consents and approvals required to be obtained and maintained by the Agency under Applicable Laws.
- (vii) "Arbitration Act" means the Arbitration and Conciliation Act, 1996 and shall include any amendment to or nay re-enactment thereof as in force from time to time.
- (viii) "Contract" means Conditions of Contract, the Employer's Requirements, the Tender, the Agency's Price Proposal, the Annexure, the Letter of Acceptance, the Contract Agreement (if completed) and such further documents as may be expressly incorporated in the Letter of Acceptance or Contract Agreement (if completed).
- (ix) "Employer's Requirements" means the description of the scope and programme of works/services, as included in the Contract, and any alterations and modifications thereto in accordance with the Contract.
- (x) "Tender" means the Agency's priced offer/offered rates to the Employer for the works/services.
- (xi) "Works" are what the Contract requires the Agency to carry out and perform.

2. Persons:

- (i) "Agency" means the person or Corporate and body, whose tender has been accepted to carry out the work and perform the services by the ULB and the legal successors in title to such person, but not (except with the consent of the Employer) any assignee of such person.
- (ii) "Agency's Representative" means the person (if any) named as such in the Contract or other person appointed from time to time by the Agency.
- (iii) "Authority" means any agency, legislative, judicial or executive authority, department, ministry, public or statutory person, whether autonomous or not, of the Government of India or Government of West Bengal or any Local Authority including SUDA.
- (iv) "Competent Authority" is the Person or Persons, appointed by the Director, SUDA and notified to the Agency, who shall be responsible for supervising the Agency, administering the Contract, certifying payments due to Agency. The Director, SUDA shall be the Competent Authority for this contract. The Director, SUDA may also appoint any Person or Persons to assist the Competent Authority for this Contract. Any Person or Persons appointed by The Director, SUDA to carry out the responsibilities of the Competent Authority and assist him/her, shall be termed as the "Competent Authority's Representative".
- (v) "Concessionaire" means the agency selected to construct, erect, commission, operate & maintain the waste processing facility and the legal successors in title to such person, but not (except with the consent of the Employer) any assignee of such person.
- (vi) "Employer" means the Director, SUDA or authorized representative and the legal successors in title to such person, but not (except with the consent of the Agency) any assignee of such person.
- (vii) "Employer's Representative" means the person appointed by the Employer to act as Employer's Representative for the purpose of the Contract. Any person appointed from time to time by the Employer and notified as such to Agency shall be considered as Employer's Representative.
- (viii) "Person" means any natural person, firm, Corporation, company, voluntary association, partnership, joint venture, trust, incorporated organization, unincorporated organization, Authority or other entity, having legal capacity to sue and be sued in its name.
- (ix) "Party" means either the Director, SUDA or the Agency; any of the parties to this Contract and "Parties" means both the party to this Contract.
- (x) "Successor Agency" means SUDA and any person or corporate and body appointed by the ULB to perform services and carry out works under this Contract.
- (xi) "ULB" means SUDA/Municipality/Municipal Corporation/Development Authority/Township Authority.

3. Dates, Times and Periods:

- (i) "Commencement Date" means the date when the Agency shall commence the construction of civil works or erection of plant & machinery of processing plant.
- (ii) "Completion Date" is the date of completion of the operations/activities and as certified by the Competent Authority.
- (iii) "Contract Period," means the tenure of the Contract, upon completion of which this Contract terminates. The tenure is said to have commenced from the date of issue of acceptance letter. The Contract period is 21.5 years from the date of issue of letter of acceptance.
- (iv) "Operating Year" means each successive period, the first such period commencing on the date on which processing of MSW at processing site commence and end after three hundred and sixty five (365) days from the date of start for processing.
- (v) "Termination Date" means the date on which the Contract is terminated by way of defaults of either SUDA or the Agency, or as a result of a Force Majeure Event, or as indicated in the Conditions of Contract.
- (vi) "Day" means a calendar day, "Months" means calendar months and "year" means 365 days.

4. Money and Payments:

- (i) "Cost" means all expenditure properly incurred (or to be incurred) by the Agency whether on or off the municipal area, workshop, including overhead and other similar charges, but does not include profit.
- (ii) "Tax" means the Indian Tax, duty, levy, and charge whatsoever charged, imposed or levied by Central, State or Local Governments or any Authority together with any interest and penalties in relation thereto.

5. Other Definitions:

- (i) "Beat" means the area to be assigned to one Safai Karmachari for daily door to door collection as per the norms mentioned in Manual on Municipal Solid Waste issued by the Central Public Health Environmental Organization, Ministry of Urban Development, Government of India.
- (ii) "Coercive practices" means harming or threatening to harm, directly or indirectly, persons, or their property to influence their participation in bidding process, or affect the execution of a contract.
- (iii) "Collusive practices" means a scheme or arrangement between two or more bidders, with or without the knowledge of the Director, SUDA, designed to influence the action of any party in execution of a contract;
- (iv) "Corrupt Practice" means the offering, giving, receiving or soliciting, directly or indirectly of anything of value to influence the action of a public official in the procurement process or in contract execution.

- (v) "Disposal Ground" means the trenching ground for the purpose of disposal of rejects after processing MSW or disposal of MSW without processing.
- (vi) "Dry Garbage" means any recyclable garbage consisting of plastic, metal, thermacol, foam, glass, rexene, battery cells, paper, cloth, etc. and as defined in the SWM Rules, 2016.
- (vii) "Fraudulent Practice" means a misrepresentation of facts in order to influence the execution of a contract to the detriment of the Corporation, and includes collusive practice among Bidders (prior to or after Tender submission) designed to establish Contract Prices at artificial non-competitive levels and to deprive the Corporation of the benefits of free and open competition.
- (viii) "Good Operating Practices" means standards, practices, methods and procedures as practiced in India and conforming to all specifications, law, directives, clearances and the requirements of any Authority and that degree of skill, diligence, prudence and foresight which would reasonably be expected from a skilled, prudent and experienced Agency, engaged in the same type of undertaking under the same or similar circumstances as the Agency pursuant to this Contract.
- (ix) "House/Property" means a house/property, existing in the area of ULB/ Municipal Corporation/Development Authority.
- (x) "Law" includes any constitutional provisions, statutes, laws, decrees, ordinance, subordinate legislation, orders, rules or regulations having the force of law and rules of civil and common law and equity.
- (xi) "MSW" means any municipal solid waste /garbage/silt/and all waste defined as municipal solid waste in MSW rules 2016 generated within the service area.
- (xii) "Service Area" means the entire area under different wards of ULB/Municipal Corporation/Development Authority.
- (xiii) "SWM Rules, 2016" means the Solid Waste Management Rules, 2016 made pursuant to the provisions of the Environment (Protection) Act, 1986 and includes any amendment thereto as in force from time to time.
- (xiv) "Waste Processing Site" means the place/ site where the ULB or agency has set up the plant to process the waste for converting waste in to compost or energy etc.
- (xv) "Wet Garbage" means any bio-degradable garbage, consisting of vegetable waste, food waste, garden waste, coconut shells, wood pieces, egg shells, bones, flesh, used cotton etc. and as defined in the MSW Rules, 2000.
- (xvi) "Workshop Site" means the place provided by ULB to agency for development of workshop and for the purpose of parking, repairing and refueling of vehicles during the contract period.

B. REPRESENTATION AND WARRANTY:

i. Representations and Warranties of Parties:

The Agency represents and warrants to SUDA for the term of this Contract that:

- (a) it is duly organized, validly existing and in good standing under the Laws of India;
- (b) it has the requisite experience, expertise and skills to construct, install, erect, commission, operate & maintain processing plant under this Contract;
- (c) it has the financial standing and capacity to undertake the Contract.
- (d) prior to executing this Contract, the Agency has conducted a due diligence audit to its satisfaction in respect of the Municipality, contractual structure for carrying out the operations and performing services including conditions of existing site and office Space, Applicable Laws and clearances and all matters related to this Contract. The Agency is entering into this Contract on the basis of his own satisfaction based on his due diligence audit.
- (e) it has no knowledge of any violation or default with respect to any order, writ, injunction or any decree of any court or any legally binding order of any Government Agency which may result in Material Adverse Effect.
- (f) it has complied with all Applicable Laws and has not been subject to any fines, penalties, injunctive relief or any other civil or criminal liabilities which in the aggregate have or may have Material Adverse Effect.
- (g) no representation or warranty by the Agency contained herein or in any other document furnished by it to ULB or to any Government Agency in relation to Applicable Permits contains or will contain any untrue statement of material fact or omits or will omit to state a material fact necessary to make such representation or warranty not misleading.
- (h) no bribe or illegal gratification has been paid or will be paid in cash or kind to any person to influence the Bidding Person.
- (i) Without prejudice to any express provision contained in this Contract Agreement, the Agency acknowledges that prior to the execution of Agreement under this Contract, the Contactor has after a complete and careful examination made an independent evaluation of the Existing facilities and infrastructure such as approach road to existing processing site, boundary wall & other infrastructure.
- (j) available at site and the information provided by ULB, and has determined to his satisfaction the nature and extent of risks and hazards as are likely to arise or may be faced by Agency in the course of performance of his obligations hereunder.

ii. SUDA represents and warrants to Agency for the term of this Contract that:

- a. SUDA has full power and authority to award this Contract.

- b. SUDA has taken all necessary actions to authorize the execution of this Contract.
- c. This agreement under this Contract constitutes SUDA's legal valid and binding obligation.

C. Obligation to Notify Change:

In the event that any of the representations or warranties made/given by a Party ceases to be true or stands changed, the Party who has made such representation or given such warranty shall promptly notify the other of the same.

D. Assignment and charges:

The Agency shall not assign in favour of any person this Contract or the rights, benefits and obligations hereunder, save and except with prior consent of SUDA. Any such consent shall not relieve the Agency from any liability or obligation under the Contract and he shall be responsible for the acts, defaults and neglects of sub agency and his agents, servants or workmen as fully as if they were the acts, defaults or neglects of the Agency, his agents, servants or workmen.

E. Amendments:

This Contract is a complete and exclusive understanding of the terms of the Contract between the Parties on the subject hereof and no amendment or modification here to shall be valid and effective unless agreed to by all the Parties hereto and evidenced in writing.

F. Communications:

Communications between Parties, which are referred to in the conditions are effective only when in writing. A notice shall be effective only when it is delivered (in terms of Indian Contract Act).

All instructions, notices, communications, etc. under the Contract shall be given in writing and shall be in English. If sent by registered post to the last known place or abode or business of the Agency shall be deemed to have been served on the date.

G. Interpretation and contract structure:

The language of this Contract Document is English and the law, which applies to this Contract, shall be the Law of the Republic of India. The Courts at Kolkata shall have jurisdiction all over matters, arising out of or relating to Agreement under this Contract.

H. Contract Period:

- i. The Agency shall commence performing different activities from the date of acceptance letter, complete all pre-operational activities and arrange for all mobilization after procurement of machinery for MSW treatment.

The agency should ensure start the bioremediation of legacy waste at designated dump site within thirty (30) days from the date of issue of LOA cum work order.

The agency should ensure start construction, erection and other allied activities of processing plant at designated waste processing site within thirty (90) days from the date of issue of LOA cum work order.

The agency should ensure processing of MSW within 24 months from the date of issue of LOA cum work order.

- ii. The Contract Period shall commence from the date of acceptance letter for a period of 20 years O&M after commissioning of plant. The Director, SUDA shall review the performance level of work/service under this Contract for renewal of contract for subsequent Operating Year.
- iii. The contract period can be renewed by the Director, SUDA on the basis of performance level of work/service and rates. Alternatively, if the Agency wishes to discontinue his services and operations at the end of the contract period of 20 years, he shall provide a minimum of ninety (90) days' notice requesting for such discontinuation.
- iv. Notwithstanding anything the Agency shall continue to provide services and perform operations till the appointment of a Successor Agency or 6 (six) months whichever is earlier.
- v. The performance of service and work of the Agency shall be evaluated by concerned ULB every month and report be submitted to Competent Authority through Concerned Officer.
- vi. In the event that the Parties agree to continue with the current Contract after Contract period of 20 years, all Conditions of Contract shall be followed as laid out in this bid document; and price escalation to Contract Price and penalties base shall also be followed. On mutual consent of both the parties new conditions can be added or deleted in the contract terms.

I. Payment Terms:

Sl. No.	Description of Work	Total amount to be paid to the agency including all type of taxes & duties and GST (Fixed)	Period of payment released	Payment to be released
1.	Design, build, construct, install and setting up of processing facility at Pramodnagar site for 450 TPD integrated Compost & RDF plant and 100 TPD Biomethanation plant, at Kamarhati site for 180 TPD	Rs.70.00 crore	After successful commissioning and acceptance given by Competent Authority	25%
			After 12 months from commencement of processing start date	25%

	integrated Compost & RDF plant and construction of Sanitary Landfill(as required size) at Identified Site along with secondary collection and transportation.		After 24 months from commencement of processing start date	25%
			After 36 months from commencement of processing start date	25%
2.	Operation & Maintenance for the period of 20 years for integrated Compost & RDF facility Plant, Biomethanation plant and Sanitary Landfill site along with secondary collection and transportation etc.	Per Ton basis.	Monthly basis for actual quantity of fresh waste (Wet Waste & Dry Waste) processed	90%
			After 24 months on completion of each year.(Security Deposit)	10%
3.	Bio-remediation of legacy waste.	Per Ton basis.	Monthly basis for actual quantity of legacy waste processed	90%
			After 24 months on completion of each year.(Security Deposit)	10%

N.B:

- Record keeping at the Weigh Bridge for actual quantity of legacy waste and fresh waste(wet waste and dry waste) processed should be maintained by a team formed by one member from both the Agency and ULB's end on daily basis.
- The EMD for the successful Bidder will be converted to Security Deposit and additional amount of 10% will be deducted towards Security Deposit from each monthly invoice.
- The successful bidder will get @ Rs.778 per ton to process the legacy waste.
- The quoted rate for Operation & Maintenance of processing Plant (Compost & RDF and Biomethanation) for processing of Solid Waste (Wet Waste & Dry Waste) and Sanitary Landfill for disposal of end products for the period of 20 years in terms of tipping fee will be increased by 3% after completion of every successive five (5) years.

J. Responsibilities:

a. SUDA/Municipal Corporation/ ULB's responsibilities:

- i. The SUDA/Municipal Corporation/ ULB shall provide and hand over an encroachment free waste processing site and waste disposal site of required area.

- ii. The SUDA/Municipal Corporation/ ULB shall also provide approach road, Water Connection, Street Lighting up to the outside of boundary line of waste processing site and waste disposal site.
- iii. The SUDA/Municipal Corporation/ ULB shall make arrangement to transport the collected waste up to the designated secondary transfer points/locations.
- iv. The minimum quantity of the waste (both Dry waste & Wet waste) will be made available to the agency at the designated secondary transfer points/locations.

b. Agency's responsibilities:

- i. The Agency shall carry out all activities as mentioned in the scope of work in Terms of Reference of RfP.
- ii. The waste (wet waste & dry waste) should be collected from the designated secondary transfer points/locations and transported up to the processing plant.
- iii. Carrying out his operations, and shall be fully responsible for carrying out the operations in a safe and secure manner, consistent with the law of the land, laws and regulations and directives of any Authority and permissions.
- iv. The Agency shall be responsible for the safety of all his activities & his personnel deployed for performing the work and providing services under this contract and shall be absolutely and solely responsible for any and all kinds of injuries or damages to person and property of any description whatever may be caused by or result from the operations carried out, whether these may have been carried out skill fully and carefully and strictly in conformity with the provisions of the specifications or not.
- v. Construction of Buildings, Sheds & other civil structures & facilities required for running a processing plant smoothly.
- vi. Procurement of required manpower, plant & machinery, vehicles/ equipments, spare parts, accessories, tyres, tubes, hydraulic oil, lubricants, diesel, petrol etc. for day to day running, operation & maintenance of processing plant at his own cost.
- vii. Carry out regular repairing and maintenance of plant & machinery etc. at his own cost.
- viii. Exploring market for sale & disposal of bye-products, recyclable & reusable materials.
- ix. Sale of bye-products, recyclable & reusable materials and maintaining proper books of accounts. No accumulation of processed and inert material inside the plant boundary should be permitted beyond a certain limit (to be fixed by the authority).

K. Environmental Compliance:

The Agency shall, at all times, ensure his operations and processing of MSW conforming to the laws pertaining to environment, health and safety aspect including SWM Rules, 2016, policies and guidelines related thereto.

L. Use of Waste Processing Site or Waste Disposal site:

- i. The agency shall use the land/ site only for the purpose (either for processing of waste and/or for dumping of waste) it was handed over to them by the ULB.
- ii. The Agency shall ensure optimum utilization of ULB's waste processing site for any purpose unconnected or unrelated to the scope of work.

M. Maintenance of Records:

The Agency shall maintain records of the waste collected, and inert materials disposal in the format required by ULB and get certified by the concerned authority of ULB/Municipal Corporation.

N. Sale/disposal of Recyclable Waste:

The Agency shall make all efforts to sell or otherwise dispose of recyclable waste, recovered from the waste received at processing site. The agency shall try to accommodate the rag pickers registered with the ULBs for the activity of segregation at waste processing site. The agency may sell the recyclable material through these rag pickers.

O. Insurance:

The Agency shall insure his workmen, equipment etc. No additional burden should fall on the ULB due to absence of insurance.

The Agency shall take out all necessary insurance against labour, theft, dacoits, fire or other contingencies for infrastructures being developed/ arranged/ deployed/taken from ULB in his possession under this contract. ULB shall not be responsible for any type of liability in this regard.

P. Accidents:

It shall be the Agency's responsibility to protect workmen, materials, equipment, vehicles and other immovable property in possession against accidents.

In the event of accidents / damages, which are in possession of Agency under this Contract (whether owned by ULBs or any other agency) and Agency's vehicles under this Contract. ULB shall be completely free from any liability of any nature incurred due to accident(s). The Agency shall be fully and exclusively responsible for any damage to vehicles or any of equipments under his possession and attached with his own/rented vehicles including driver and helpers.

The Agency shall be solely responsible for any death or body injury to his staff member or any of the people/person in the employment of the Agency. This includes any third party claims.

The Agency shall be solely responsible for any consequences under laws arising out of any accident by his vehicles in his possession or his employees to the property or personnel of the ULB.

The ULB shall not be responsible for any claim/compensation that may arise due to damages/ injury/death pilferage to the Agency's vehicles, machinery, property, staff and any third party or the property under any circumstances while providing services under the Agency.

In the event of an accident, arising out of works, which results in death or which is so serious as to be likely to result in death, the Agency shall within 24 hours of such accident, report in writing to the Competent Authority, the facts stating clearly and in sufficient details the circumstances of such accident and the subsequent action taken.

Q. Indemnification:

The Agency shall indemnify and keep indemnified the ULB against all losses and claims for injuries or damage to any person or any property whatsoever which may arise out of or in consequence of the operations and against all claims, demands, proceedings, damages, costs, charges and expenses whatsoever in respect of or in

relation thereto.

The Agency shall at all times indemnify the ULB/Corporation against all claims, damages or compensation under the provisions of,

- i. Payment of Wages Act, 1936;
- ii. Minimum Wages Act, 1948;
- iii. Employers Liability Act, 1938;
- iv. The Workmen's Compensation Act, 1923;
- v. Industrial Dispute Act, 1947;
- vi. Indian Factories Act, 1948;
- vii. Maternity Benefit Act, 1961; and
- viii. Any other relevant act

or any modifications thereof and rules made there under from time to time or as a consequence or any accident or injury to any workman or other persons in or about the operations, and also against all cost, charges and expenses of any suit, action or proceedings arising out of such accident or injury and against all sum or sums which may with the consent of the Agency be paid to compromise or compound any such claim without limiting his/her obligations and liabilities as above provided.

R. Agency's Superintendence:

The Agency shall provide all necessary superintendence while carrying out his operations for the proper fulfilling of the Agency's obligations under the Contract. The Agency shall nominate a competent and authorized representative ("Agency's Representative") approved by the Competent Authority, which approval may at any time be withdrawn. The Agency's Representative shall give his whole time to the superintendence of the operations and shall receive, on behalf of the Agency, instructions from the designated officers of ULB, which shall be deemed received by the Agency. If the Competent Authority withdraws approval of the representative, the Agency shall remove the representative from the operations within thirty (30) days, and replace him by another representative approved by the Competent Authority.

S. Reporting:

The Agency shall utilize the designated processing site, provided by the ULB, to establish waste processing site along with the plant & machinery, manpower and other facilities at its own cost.

The Agency shall carry out all reporting to the designated officers of SUDA/Municipality/Municipal Corporation.

T. Pre-Operational Activities:

The bidder shall have to complete the following activities before starting production of bye product. The bidder shall commence all activities concurrently. The details of activities are as follows.

Sl.No.	Description of Activity	Duration for Completion of Activity (in Days)
1.	Issue of Letter of Acceptance (LOA) cum work order from Employer	Start date
2.	Acceptance of LOA cum work order from agency	Within seven (7) days from the date of issue of LOA cum work order.
3.	Deposit of Performance Security	Within fifteen (15) days from the date of issue of LOA cum work order.
4.	Signing of Agreement	Within fifteen (15) days from the date of issue

		of LOA cum work order.
5.	Submission of plan of action	Within fifteen (15) days from the date of issue of LOA cum work order.
6.	Start processing of legacy waste.	Within thirty (30) days from the date of issue of LOA cum work order.
6.	Start construction of office building, waste processing plant etc.	Within ninety (90) days from the date of issue of LOA cum work order.
7.	Proof of placement of purchase order for procurement of plant & machinery etc.	Within ninety (90) days from the date of issue of LOA cum work order.
8.	Completion of all civil works etc.	Within twelve (12) months from the date of issue of LOA cum work order.
9.	Erection & commissioning of plant & machinery	Within twenty four (24) months from the date of issue of LOA cum work order.
10.	Start production	Within twenty four (24) months from the date of issue of LOA cum work order.

U. Pre-operational Infrastructure:

The Agency shall arrange to provide the infrastructure for segregation & processing of municipal waste under this contract.

V. Processing Site and Vehicles:

The ULB shall provide required area of processing site to the agency as per the availability of land for installation of processing plant at waste processing site / disposal ground. The Agency shall construct, erect, commission waste processing plant as required by client for production of bye-products. The ownership of waste processing site and other assets including all civil structures, plant & machinery shall at all times remain that of ULB. At the end of the contract period and or its of the minimum value of 40% of the capacity within 20 years earlier termination, the agency shall request ULB to take over the site and plant & machinery. The ULB shall request over the same within thirty (30) days of such a request being made.

W. Operation and Maintenance of Plant & Machinery and Vehicles:

The Agency shall maintain all assets, plant & machinery and the vehicles in full serviceable condition during the period of contract entirely at his own costs including the costs of spares accessories, tyres, lubricants, hydraulic oil etc.

It will be responsibility of the agency to ensure that it is always maintained in operating condition and it is not damaged by his employees.

The drivers of all vehicles shall carry the following and any other papers as per Applicable Law.

- a. Driver's License
- b. Registration Certificate of Vehicle.
- c. Pollution under Control (PUC) Certificate.

All the drivers, helpers and workers engaged in operation of vehicles should be provided uniforms, personal protective equipments (hand gloves, gum boots, masks etc.) and desired implements.

The staff deployed at the processing plant should be provided with uniforms, personal protective equipments (hand gloves, gum boots, masks etc.) and other suitable implements. Processing plant should have all the facility as per requirement.

X. Emblem and Logo:

- i. The emblem of Project, logo and name of the Municipality/Municipal Corporation/Development Authority should be affixed by multi-colour sticker on the Biomethanation/MRF Units and Selected Bidder should also paint messages along purpose to each as specified.
- ii. The bidder shall use "Mission Nirmal Bangla" in Bengali, Hindi and English language. The Selected Bidder will finalize the content of the message in discussion with SUDA/Competent Authority.

Y. Jurisdiction:

- i. Any dispute arising out of in relation to this Contract, Terms of Reference and in addition the parties hereby submit to Indian jurisdiction.
- ii. The Agency shall ensure that all members of the Agency's Personnel are under an obligation not to disclose to any third parties any confidential information obtained either directly from the Client or by virtue of their engagement in relation to this Contract. Confidential information may be in any form and shall include all information that, due to its character, nature or method of transmittal, a reasonable person would treat as confidential.
- iii. The Client shall have the right to terminate, in the event of any occurrence, act or thing of a similar nature to those occurrences.
- iv. Under no circumstances should the Agency or Agency's team members interact with or disclose any information about this contract to any media. Any violation of this condition shall amount to breach of this contract.

Signature valid Page | 46

Digitally signed by DIPAK NASKAR
Date: 2020.06.13 15:43:33 IST
Location: West Bengal-WB

Validate

Print

Help

Item Rate BoQ

Tender Inviting Authority: Director, SUDA

Name of Work: Notice inviting e-tender for selection of Concessionaire for Bio-remediation of Legacy Waste, setting up of processing facility at Pramodnagar and Kamarhati and Sanitary Landfill at Identified Site, secondary collection and transportation, processing and disposal of Municipal Solid Waste for Dum Dum, South Dumdum, North Dumdum, Baranagar, Kamarhati and New Barrackpore Municipalities under Swatch Bharat Mission in West Bengal.

Contract No: SUDA – 366/2019(pt-j)/10738

Name of the Bidder/ Bidding Firm / Company :

PRICE SCHEDULE

(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)

NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	NUMBER #	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Quantity (in Tonne)	Units	BASIC RATE (inclusive of all taxes & duties except GST) in Figures To be entered by the Bidder Rs. P	GST in Rs.	Total Quoted Rate (inclusive of all taxes & duties and GST) in Rs.	TOTAL AMOUNT In Words		
1	2	4	5	13	14	54	0.000	INR Zero Only	55
1	Operation & Maintenance of processing Plant (Compost & RDF and Biomethanation) for processing of Solid Waste (Wet Waste & Dry Waste) and Sanitary Landfill for disposal of end products for the period of 20 years in terms of tipping fee.	1,000	Nos						
Total in Figures							0.000	INR Zero Only	
Quoted Rate in Words							INR Zero Only		

দেবগৌড়া-বাড়মে ফের সংসদে

দেবগৌড়া-বাড়মে ফের সংসদে
দেবগৌড়া-বাড়মে ফের সংসদে
দেবগৌড়া-বাড়মে ফের সংসদে

রাজ্যের ২৩টি জেলায়কই নির্মল জেলায় শ্রীকৃষ্টি

সব বাড়িতে শৌচালয় তৈরি হয়েছে

সব বাড়িতে শৌচালয় তৈরি হয়েছে
সব বাড়িতে শৌচালয় তৈরি হয়েছে
সব বাড়িতে শৌচালয় তৈরি হয়েছে

একশা মতো এক সাত শতক

দুর্দিনে বইপাড়ার পাশে সাংসদ থেকে সাহিত্যিক সকলেই

দুর্দিনে বইপাড়ার পাশে সাংসদ থেকে সাহিত্যিক সকলেই
দুর্দিনে বইপাড়ার পাশে সাংসদ থেকে সাহিত্যিক সকলেই

কলেজের যোগ নেই, পোড়াল

কলেজের যোগ নেই, পোড়াল
কলেজের যোগ নেই, পোড়াল
কলেজের যোগ নেই, পোড়াল

আরও কলকাতা নিয়ে

আরও কলকাতা নিয়ে
আরও কলকাতা নিয়ে
আরও কলকাতা নিয়ে

ডেঙ্গু টেস্টে শহরে ৬৪টি নতুন মামলা

ডেঙ্গু টেস্টে শহরে ৬৪টি নতুন মামলা
ডেঙ্গু টেস্টে শহরে ৬৪টি নতুন মামলা
ডেঙ্গু টেস্টে শহরে ৬৪টি নতুন মামলা

একদিনে কলকাতার আক্রান্ত

একদিনে কলকাতার আক্রান্ত
একদিনে কলকাতার আক্রান্ত
একদিনে কলকাতার আক্রান্ত

শাসকই কমাতে প্রয়োণ শুক

শাসকই কমাতে প্রয়োণ শুক
শাসকই কমাতে প্রয়োণ শুক
শাসকই কমাতে প্রয়োণ শুক

১ জনের মৃত্যু

১ জনের মৃত্যু
১ জনের মৃত্যু
১ জনের মৃত্যু

১ জনের মৃত্যু

১ জনের মৃত্যু
১ জনের মৃত্যু
১ জনের মৃত্যু

১ জনের মৃত্যু

১ জনের মৃত্যু
১ জনের মৃত্যু
১ জনের মৃত্যু

১ জনের মৃত্যু

১ জনের মৃত্যু
১ জনের মৃত্যু
১ জনের মৃত্যু

১ জনের মৃত্যু

১ জনের মৃত্যু
১ জনের মৃত্যু
১ জনের মৃত্যু

১ জনের মৃত্যু

১ জনের মৃত্যু
১ জনের মৃত্যু
১ জনের মৃত্যু

১ জনের মৃত্যু

১ জনের মৃত্যু
১ জনের মৃত্যু
১ জনের মৃত্যু

১ জনের মৃত্যু

১ জনের মৃত্যু
১ জনের মৃত্যু
১ জনের মৃত্যু

১ জনের মৃত্যু

১ জনের মৃত্যু
১ জনের মৃত্যু
১ জনের মৃত্যু

১ জনের মৃত্যু

১ জনের মৃত্যু
১ জনের মৃত্যু
১ জনের মৃত্যু

১ জনের মৃত্যু

১ জনের মৃত্যু
১ জনের মৃত্যু
১ জনের মৃত্যু

১ জনের মৃত্যু

১ জনের মৃত্যু
১ জনের মৃত্যু
১ জনের মৃত্যু

১ জনের মৃত্যু

১ জনের মৃত্যু
১ জনের মৃত্যু
১ জনের মৃত্যু

১ জনের মৃত্যু

১ জনের মৃত্যু
১ জনের মৃত্যু
১ জনের মৃত্যু

১ জনের মৃত্যু

১ জনের মৃত্যু
১ জনের মৃত্যু
১ জনের মৃত্যু

पूर्व काकाजि सुखती
श्रीधर मेहरपात्रे व सौर
शुक्लानी मिश्र

हृद्दसएप के जरिए हाफिज समेत अन्य कई आतंकीयों के संपर्क में थी तानिया

हाफिज समेत अन्य कई आतंकीयों के संपर्क में थी तानिया
हाफिज समेत अन्य कई आतंकीयों के संपर्क में थी तानिया

मुकुल मिले अभित शाह से, भ्रमिण्डल में जाने की चर्चा तेज

मुकुल मिले अभित शाह से, भ्रमिण्डल में जाने की चर्चा तेज
मुकुल मिले अभित शाह से, भ्रमिण्डल में जाने की चर्चा तेज

कन्याश्री ने सती के लिए कर ली धारा 304 की दण्ड

कन्याश्री ने सती के लिए कर ली धारा 304 की दण्ड
कन्याश्री ने सती के लिए कर ली धारा 304 की दण्ड

रागरदत्त अस्पताल में जूनियर डॉक्टरों से मिलने पहुंचे आईएमए अध्यक्ष

रागरदत्त अस्पताल में जूनियर डॉक्टरों से मिलने पहुंचे आईएमए अध्यक्ष
रागरदत्त अस्पताल में जूनियर डॉक्टरों से मिलने पहुंचे आईएमए अध्यक्ष

बीटी रोड पर पैदाशर्तों की बढ़ी संख्या, 2 बस रुटों का मार्ग बंद

बीटी रोड पर पैदाशर्तों की बढ़ी संख्या, 2 बस रुटों का मार्ग बंद
बीटी रोड पर पैदाशर्तों की बढ़ी संख्या, 2 बस रुटों का मार्ग बंद

जोहरदास भुवनिश्वर अस्पताल में कोरोना का 2 वटा रुट 2 अस्पतालों की

जोहरदास भुवनिश्वर अस्पताल में कोरोना का 2 वटा रुट 2 अस्पतालों की
जोहरदास भुवनिश्वर अस्पताल में कोरोना का 2 वटा रुट 2 अस्पतालों की

करो पतिवधा का भी मिला दण्ड

करो पतिवधा का भी मिला दण्ड
करो पतिवधा का भी मिला दण्ड

22 हजार एडवाकेटी को विधिव मद्द देनी चार काउंसिल
22 हजार एडवाकेटी को विधिव मद्द देनी चार काउंसिल



22 हजार एडवाकेटी को विधिव मद्द देनी चार काउंसिल

अम कांवरपाड़ा व हालीशहर में फैला कोरोना का आंतक
अम कांवरपाड़ा व हालीशहर में फैला कोरोना का आंतक

अम कांवरपाड़ा व हालीशहर में फैला कोरोना का आंतक
अम कांवरपाड़ा व हालीशहर में फैला कोरोना का आंतक

Table with columns for 'पुस्तकें', 'पुस्तकें', and 'पुस्तकें' containing book titles and prices.

Table with columns for 'पुस्तकें', 'पुस्तकें', and 'पुस्तकें' containing book titles and prices.

Table with columns for 'पुस्तकें', 'पुस्तकें', and 'पुस्तकें' containing book titles and prices.

Table with columns for 'पुस्तकें', 'पुस्तकें', and 'पुस्तकें' containing book titles and prices.

मोहन विद्यालय के छात्रों की विद्यार्थी के लिए न कक्षा लक्ष्य

मोहन विद्यालय के छात्रों की विद्यार्थी के लिए न कक्षा लक्ष्य
मोहन विद्यालय के छात्रों की विद्यार्थी के लिए न कक्षा लक्ष्य

मोहन विद्यालय के छात्रों की विद्यार्थी के लिए न कक्षा लक्ष्य
मोहन विद्यालय के छात्रों की विद्यार्थी के लिए न कक्षा लक्ष्य

मोहन विद्यालय के छात्रों की विद्यार्थी के लिए न कक्षा लक्ष्य
मोहन विद्यालय के छात्रों की विद्यार्थी के लिए न कक्षा लक्ष्य

मोहन विद्यालय के छात्रों की विद्यार्थी के लिए न कक्षा लक्ष्य
मोहन विद्यालय के छात्रों की विद्यार्थी के लिए न कक्षा लक्ष्य

मोहन विद्यालय के छात्रों की विद्यार्थी के लिए न कक्षा लक्ष्य
मोहन विद्यालय के छात्रों की विद्यार्थी के लिए न कक्षा लक्ष्य

मोहन विद्यालय के छात्रों की विद्यार्थी के लिए न कक्षा लक्ष्य
मोहन विद्यालय के छात्रों की विद्यार्थी के लिए न कक्षा लक्ष्य

मोहन विद्यालय के छात्रों की विद्यार्थी के लिए न कक्षा लक्ष्य
मोहन विद्यालय के छात्रों की विद्यार्थी के लिए न कक्षा लक्ष्य

मोहन विद्यालय के छात्रों की विद्यार्थी के लिए न कक्षा लक्ष्य
मोहन विद्यालय के छात्रों की विद्यार्थी के लिए न कक्षा लक्ष्य

मोहन विद्यालय के छात्रों की विद्यार्थी के लिए न कक्षा लक्ष्य
मोहन विद्यालय के छात्रों की विद्यार्थी के लिए न कक्षा लक्ष्य

Economy, Macro, Micro & More

Exports Bounce Back to Last Year's Levels

10 MAY - India's exports thrived in May, rising 36.4% to \$18.05 billion compared to a 60% contraction in April, trade deficit at \$3.5 billion

Record Harvest Likely as SW Monsoon Makes Swift Progress

10 MAY - The southwest monsoon has advanced rapidly over the country, reaching the upper 90% of the normal range, according to the India Meteorological Department (IMD).

Which Way the Wind Blows

Table with 2 columns: Month, June '20, and June '19. Rows include GDP, Inflation, and Unemployment.

May Wholesale Prices Dip 3.21%, Highest in 4.5 Years

10 MAY - Wholesale prices in India fell 3.21% in May, the highest decline in 4.5 years, as demand for commodities remained weak.

Revenue of MSME Firms to Fall 20% in FY21, says Crisil

10 MAY - Revenue of MSME firms is expected to fall 20% in FY21, says Crisil, due to the impact of the COVID-19 pandemic.



CBIC to Do Away With Manual Files

10 MAY - The Central Board of Indirect Taxes and Customs (CBIC) is planning to do away with manual files and move to a fully digital system.

Advertisement for WYK Energy State Electricity Transmission Company Limited.

Advertisement for WYK Energy State Electricity Transmission Company Limited.

KOLKATA MUNICIPAL CORPORATION & TENDER

Notice regarding tenders for water supply and sewerage projects in Kolkata.

Advertisement for I.T. ascent and SBI State Bank of India.

Advertisement for State Urban Development Agency.

Advertisement for State Urban Development Agency.

Advertisement for State Urban Development Agency.

Advertisement for State Urban Development Agency.

Advertisement for State Urban Development Agency.

Advertisement for State Urban Development Agency.



Bartaman(14.06.2020)



STATE URBAN DEVELOPMENT AGENCY
(Urban Development & Municipal Affairs Department, Govt. of West Bengal)
ILGUS Bhavan, HC - Block, Sector III, Salt Lake, Kolkata -700106

NOTICE FOR INVITING E-TENDER (2nd Call)

E-tenders are invited from Interested Bonafide bidders for Bio-remediation of Legacy Waste, setting up of processing facility at Pramodnagar and Kamarhati and Sanitary Landfill at Identified Site, secondary collection and transportation, processing and disposal of Municipal Solid Waste for Dum Dum, South Dumdum, North Dumdum, Baranagar, Kamarhati and New Barrackpore Municipalities under Swachh Bharat Mission in West Bengal as per the detail below:

Sl No.	Tender ID No.	Tender Ref No.	Tender Brief
1.	2020_MAD_285205_1	SUDA-366/2019(pt-I) /10738	<ol style="list-style-type: none">1. Bio-remediation of legacy waste: Approx.8.06 lakh cubic meter.2. Secondary Collection and Transportation of waste from secondary collection points to Processing Facilities.3. Compost and RDF facility plant of 450 TPD and Bio-methanation plant of 100 TPD at Pramod Nagar site.4. Compost and RDF facility plant of 180 TPD at Kamarhati site.5. Sanitary Landfill facility: Common for both the above sites.

Interested bonafide bidders are requested to visit <https://wbtenders.gov.in/>
Director, SUDA

সুডা

রাজ্য নগর উন্নয়ন সংস্থা

SUDA

STATE URBAN DEVELOPMENT AGENCY

“ইলগাস ভবন”, এইচসি ব্লক, সেক্টর-৩, বিধাননগর, কলকাতা-৭০০ ১০৬, পশ্চিমবঙ্গ

“ILGUS BHAVAN”, HC Block, Sector - III, Bidhannagar, Kolkata - 700 106, West Bengal

SUDA – 366/2019(Pt-I)/10836

Date: 19.06.2020

ADDENDUM-1

Name of the Work: Selection of Concessionaire for Bio-remediation of Legacy Waste, setting up of processing facility at Pramodnagar and Kamarhati and Sanitary Landfill at Identified Site, secondary collection and transportation, processing and disposal of Municipal Solid Waste for Dum Dum, South Dumdum, North Dumdum, Baranagar, Kamarhati and New Barrackpore Municipalities under Swatch Bharat Mission in West Bengal.

Tender Reference No.: SUDA – 366/2019(pt-I)/10738 dated: 13.06.2020

Tender ID No: 2020_MAD_285205_1 dated 13.06.2020

Interested bidders are requested to participate in the following Zoom Meeting for Pre-bid Meeting of Promodnagar (Cluster-I) Project. **Link and Password** are placed below:

DIRECTOR SUDA is inviting you to a scheduled Zoom meeting.

Topic: Pre-bid Meeting of Promodnagar (Cluster-I) Project

Time: Jun 23, 2020 02:00 PM India

Join Zoom Meeting

<https://us04web.zoom.us/j/71737588968?pwd=SkJCYUFoKlVlTmY5b1VhQ2RlTUxUZz09>

Meeting ID: 717 3758 8968

Password: 7PgBiT

Date and time of submission of bid queries have been extended up to 25.06.2020.

19.06.2020.
Director, SUDA

দূরভাষ : ২৩৫৮ ৬৪০৩ / ৫৭৬৭, ফ্যাক্স : ২৩৫৮ ৫৮০০

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

Account Section : 2358 6408

Pre Bid Meeting Minutes for selection of Concessionaire for Bio-remediation of Legacy Waste, setting up of processing facility at Pramodnagar and Kamarhati and Sanitary Landfill at Identified Site, secondary collection and transportation, processing and disposal of Municipal Solid Waste for Dum Dum, South Dumdum, North Dumdum, Baranagar, Kamarhati and New Barrackpore Municipalities under Swach Bharat Mission in West Bengal

Name of the Work: Bio-remediation of Legacy Waste, setting up of processing facility at Pramodnagar and Kamarhati and Sanitary Landfill at Identified Site, secondary collection and transportation, processing and disposal of Municipal Solid Waste for Dum Dum, South Dumdum, North Dumdum, Baranagar, Kamarhati and New Barrackpore Municipalities under Swach Bharat Mission in West Bengal

Tender Reference No.: SUDA- SUDA – 366/2019(pt-I)/10738 dated: 13.06.2020

Tender ID No.: 2020_MAD_285205_1 dated: 13.06.2020

Venue: Conference Hall- Nagarayan

Date: June 23rd, 2020

Time: 2:00 pm

Members present:

Sl. No.	Name	Designation
1.	Shri Santanu Mukherjee	Director, SUDA
2.	Shri Joly Chowdhury	Joint Secretary, UD & MA Department
3.	Shri Amitava Das	Deputy Director, SUDA
4.	Shri Sisir Kumar Baidya	Chief Engineer, Sanitation & SWM Wing, Water & Sanitation Sector, KMDA
5.	Shri Dipak Naskar	Superintending Engineer, SUDA
6.	Shri Bijoy Krishna Pal	Superintending Engineer, KMDA
7.	Shri Sutirtha Chatterjee	Assistant Engineer, SUDA
8.	Shri Surya Mishra	Superintending Engineer, SUDA

Agencies attended the Video Conference:

1. NASHIK Waste Management Pvt. Ltd.
2. Centre for Development Communication
3. Zigma Global Environ Solutions Pvt. Ltd.
4. Swach Environment Pvt. Ltd.
4. IL&FS Environmental Infrastructure & Services Ltd.
5. Eastern Organic Fertilizer Pvt. Ltd.

Director, SUDA chaired the pre bid meeting.

At the outset, Director, SUDA explained in brief the need of the project and invited all the bidders to participate in the discussion.

6-1

Following discussions and decisions were made in the meeting:

1. Bidders have requested to give relaxation on the following items:
 - 'Processing plant with a capacity of at least 300 TPD having combination of Compost, RDF and Biomethanation' in place of 'processing plant with a capacity of atleast 219 TPD (189 TPD Compost and RDF and 30 TPD Biomethanation)'.
 - Allowing turnover of Rs. 57 crore from any type of projects in place of turnover of Rs. 57 crore from similar services.
 - Solvency Certificate of Rs. 10 crore instead of Solvency Certificate of Rs. 57 crore.
 - Bio-mining Company may be provided an exit clause from the SPV once it has completed the work and obtaining completion certificate from the authority.
 - Minimum 7 days extension of bid submission from the bid submission last date i.e. 06.07.2020.
2. The participating probable bidders of the VC were requested to submit their queries in written within 25th June, 2020, 5.00 PM through email as mentioned in the NIT positively.
3. If the date of bid submission is extended, it will be duly intimated in website.
4. Accordingly, response Corrigendum will be communicated through e-tender portal (wbtenders.gov.in).

The meeting ended with vote of thanks to and from the chair.


Director, SUDA



Director SUDA <sbm.wbsuda@gmail.com>

Fw: Tender Notice for Solid Waste Management in West Bengal- "Bio-remediation of Legacy Waste, setting up of processing facility at Pramodnagar and Kamarhati and Sanitary Landfill at Identified Site, secondary collection, and transportation, processing and disposal of Municipal Solid Waste"

1 message

Rohit.Chauhan@ifsiindia.com <Rohit.Chauhan@ifsiindia.com>

Mon, Jun 22, 2020 at 6:03 PM

To: chaitalibiswas3@gmail.com, dipaknaskarju@gmail.com

Cc: sbm.wbsuda@gmail.com, Deepak.Agarwal@ifsiindia.com, Pradeep.Lohia@ifsiindia.com

Dear All,

IL&FS Environmental Infrastructure & Services Limited (IEISL) is the leading waste management company with footprint across 8 (Eight) States in India and managing over 10,000 MT of waste on daily basis. We are the only integrated player in the waste management sector providing 360° end to end solutions for sustainable management of various types of waste such as Solid Waste, Construction & Demolition Waste and Hazardous Waste etc. We had set up India's only Euro norm compliant 12 MW Waste to Energy Plant at Ghazipur.

We are proud to inform that IEISL has been accredited as first private agency by Green Climate Fund for environmental projects. As a result of our vast experience and bandwidth in Waste Management Sector, our company has been awarded the Country's biggest Bio CNG project of 200 MT/ day capacity for the Cleanest City of Indore.

With reference to the trailing email, it is informed that the scope of work for the subject project is very vast and it needs a detailed field survey of the project area as well as project site and landfill site to understand the RFP and prepare pre bid queries. But due to prevailing Covid-19 pandemic situation in the country and the rise of Corona cases day by day, the movement is restricted in Delhi NCR and Kolkata as well. Few cases of corona have also been detected among our employees and as per Government guidelines our office has been declared to be in containment zone for 28 days. Also most of our project management team members are staying in containment zone areas in Delhi NCR due to which the movement of employees of our company is completely restricted.

In view of above, it is requested to extend the pre bid meeting date by atleast 7 days so that we are able to prepare our pre bid queries depending upon the scope of work for different works namely Bio remediation, setting up of compost processing facility, setting up of Biomethanation facility and secondary collection & transportation of solid waste.

Best Regards,

Rohit Chauhan | Senior Manager | | Project Management |



IL&FS Environmental Infrastructure & Services Limited

3rd Floor, M.M Tower, Plot no.-8&9, Udhog Vihar,

Phase-IV, Gurgaon-122001, Haryana

Mobile + 91 9582599470 , +91 8448691480

Website : www.ilfsenv.com | Email id : rohit.chauhan@ifsiindia.com

CONSCIENTIOUS | DRIVE | ADAPTIVE | INCLUSIVE | COLLABORATIVE

----- Forwarded by Rohit Chauhan/IEISL on 06/22/2020 05:23 PM -----

From: "Chaitali Mondal" <chaitalibiswas3@gmail.com>

Date: 22 June 2020 at 3:24:24 PM IST

To: viipul@gmail.com, alizinna@gmail.com, vinesh.menon@smartenvirosystems.com,

Date: 25th June 2020

To,
The Director
State Urban Development Agency (SUDA)
'ILGUS BHAWAN', HC Block,

Sector III, Bidhannagar,

Kolkata - 700106

Subject: Extension of Submission Date for submission of below referred Tender bid

Reference: Memo No. SUDA - 366/2019(pt-I)/10738 Date: 13.06.2020

"Notice inviting e-tender for selection of Concessionaire for Bio-remediation of Legacy Waste, setting up of processing facility at Pramodnagar and Kamarhati and Sanitary Landfill at Identified Site, secondary collection and transportation, processing and disposal of Municipal Solid Waste for Dum Dum, South Dumdum, North Dumdum, Baranagar, Kamarhati and New Barrackpore Municipalities under Swachh Bharat Mission in West Bengal."

Dear Sir,

Our Company, Organic Recycling Systems Pvt. Ltd, (ORS) is a technology-focused company in the domain of Scientific Treatment of Municipal Solid Waste (MSW). In our endeavor to provide an environmentally friendly solution for treatment of MSW, we have developed our patented DRYAD™ - Anaerobic Digester Technology based on the principles of Thermophilic Biomethanation.

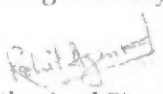
With regards to the above-mentioned tender issued from your good office, the present tender submission date is 06.07.2020.

We humbly request you to kindly extend the date of submission by atleast 7 days from 06.07.2020 considering that SUDA will take to issue clarification post 23rd June Prebid meeting held on zoom meeting.

We hope that our request shall be given due consideration.

Regards

For Organic Recycling Systems Pvt. Ltd


Authorized Signatory



Organic Recycling Systems Private Limited

14th Floor, Proxima, Arunachal Bhawan, Plot no. 19, Sector 30A, Vashi,
Navi Mumbai 400703, Maharashtra. Phone: +91 22 4170 2222

Date: 25.06.2020

To
The Director
State Urban Agency,
ILGUS Bhawan, HC Block,
Sector III, Bidhannagar,
Kolkata

Sub: Request for Extension of Bid Submission closing date

Ref: Tender Ref. No. SUDA -- 366/2019(pt-I)/10738 Date: 13.06.2020
Tender ID No. 2020 MAD 285205_I Date: 13.06.2020

Dear Sir,

Refer to the above captioned Tender and our Pre-Bid meeting, we hereby request you to kindly adjourn the Bid Submission Closing Date at least 15days from 06.07.2020 as due to Covid-19 pandemic we are working with limited workforce and hence it would not be possible to submit the same within the stipulated time i.e. 06.07.2020.

Hope you will grant our request and adjourn the date and oblige.

Thanks & Regards

For Eastern Organic Fertilizer Pvt. Ltd.

Suresh Kumar

Authorised Signatory



A UNIT OF LYNQ GROUP

সূডা

(10)

NOTE SHEET

SUDA

Sub: Proposal for extension of time of bid submission closing date for Cluster-I SWM Project

It may kindly be recalled that the pre bid meeting towards the Notice inviting e-tender for selection of Concessionaire for Bio-remediation of Legacy Waste, setting up of processing facility at Pramodnagar and Kamarhati and Sanitary Landfill at Identified Site, secondary collection and transportation, processing and disposal of Municipal Solid Waste for Dum Dum, South Dumdum, North Dumdum, Baranagar, Kamarhati and New Barrackpore Municipalities under Swachh Bharat Mission in West Bengal floated on 13.06.2020 was held on 23.06.2020.

The minutes of the meeting is placed in the file.

In the meeting, the bidders have requested to extend the bid submission closing date for 7 to 15 days.

On realistic assessment for participation of sufficient number of bidders in this COVID 19 pandemic situation, it is being proposed to allow the extension of bid submission closing date for further seven (7) days period from 06.07.2020.

Placed for kind approval.

If approved, the revised schedule is placed below:

1. Bid Submission closing date: 13.07.2020 at 3.00 PM
2. Bid Opening for Technical proposal: 15.07.2020 at 3.00 PM
3. Technical and Financial Evaluation: within 19.07.2020
4. Award of Contract: within 01.08.2020, with concurrence of Finance Department
5. Implementation expected to be started: within 12.08.2020 (provided the 2nd call is sufficiently responsive and the results in the selection of a suitable agency).

Add. Director
(SWM)/SUDA

29.6.20
(Dipak Naskar)
SE, SUDA

সূডা

NOTE SHEET

SUDA

Notes at page-10/N.

The pre-bid meeting for the second call of NIT was held on 23.06.2020 on a webinar. 5 (Five) prospective bidders participated in the meeting. The bidders made different submissions for modification of criteria as was mentioned in the bid including request for extension of 7 (seven) days as the last date for the online submission of the bids.

Accordingly, the closing date for online bid submission may be extended upto 13.07.2020, 3:00 pm. The revised schedule of bids mentioned at 'X' page-10/N may kindly be approved.

Director

Pranab
AMD 29.06.2020

AMD (IC)

↳
29.06.2020.

T. Nanda CE

Pranab
29.06.2020

Revised Schedule for NIT

Name of the Work: Selection of Concessionaire for Bio-remediation of Legacy Waste, setting up of processing facility at Pramodnagar and Kamarhati and Sanitary Landfill at Identified Site, secondary collection and transportation, processing and disposal of Municipal Solid Waste for Dum Dum, South Dumdum, North Dumdum, Baranagar, Kamarhati and New Barrackpore Municipalities under Swatch Bharat Mission in West Bengal:

1. Bid Submission closing date: 13.07.2020 at 3.00 PM
2. Bid Opening for Technical proposal: 15.07.2020 at 3.00 PM
3. Technical and Financial Evaluation: within 19.07.2020
4. Award of Contract: within 01.08.2020, with concurrence of Finance Department
5. Implementation expected to be started: within 12.08.2020 (provided the 2nd call is sufficiently responsive and the results in the selection of a suitable agency).

STATE URBAN DEVELOPMENT AGENCY

"ইলগাস ভবন", এইচসি ব্লক, সেক্টর-৩, বিধাননগর, কলকাতা-৭০০ ১০৬, পশ্চিমবঙ্গ

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

SUDA-366/2019(pt-I)/ 1170

Date: 30.06.2020

CORRIGENDUM - 01

Name of the Work: selection of Concessionaire for Bio-remediation of Legacy Waste, setting up of processing facility at Pramodnagar and Kamarhati and Sanitary Landfill at Identified Site, secondary collection and transportation, processing and disposal of Municipal Solid Waste for Dum Dum, South Dumdum, North Dumdum, Baranagar, Kamarhati and New Barrackpore Municipalities under Swachh Bharat Mission in West Bengal.

Tender Reference No.: 366/2019(pt-I)/10738 Date: 13.06.2020

Tender ID No.: 2020_MAD_285205_1 Date: 13.06.2020

NIT Reference No	Clause / Terms & Conditions / Technical Specifications / Declarations as mentioned in the NIT	Clause / Terms & Conditions / Technical Specifications / Declarations as modified based on Pre-Bid Meeting /submitted bid queries
SECTION 2 - INSTRUCTIONS TO BIDDERS: Point No. 5(5.2) - Eligibility to participate in the Bid (Page-7)	<p>i) Intending bidders should produce credentials of a same or similar nature of completed work with Central & State Govt/PSU/ULB of the minimum value of Rs. 33.90 crore or minimum 1 number of Processing Plant with a capacity of at least 219 TPD (189 TPD Compost & RDF and 30 TPD Biomethanation) during 5(five) years prior to the date of issue of the tender notice; or,</p> <p>ii) Intending bidders should produce credentials of 2(two) same or similar nature of completed work with Central & State Govt./PSU/ULB, of the minimum value of Rs. 28.25 crore or minimum 2 numbers of Processing Plant with a capacity of at least 183 TPD (158 TPD Compost & RDF and 25 TPD Biomethanation) during 5(five) years prior to the date of</p>	<p>The Clause may be read as:</p> <p>" i) Intending bidders should produce credentials of a same or similar nature (any type of SWM related works) of completed work (Completion of Processing Plant only) with Central & State Govt/PSU/ULB of the minimum value of Rs. 33.90 crore or minimum 1 number of Processing Plant with a capacity of at least 219 TPD having combination of Compost, RDF, MRF and Biomethanation; or,</p> <p>ii) Intending bidders should produce credentials of 2(two) same or similar nature (any type of SWM related works) of completed work (Completion of Processing Plant only) with Central & State Govt./PSU/ULB, of the minimum value of Rs. 28.25 crore or minimum 2 numbers of</p>

দুরভাষ : ২৩৫৮ ৬৪০৩ / ৫৭৬৭, ফ্যাক্স : ২৩৫৮ ৫৮০০

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

Account Section : 2358 6408

STATE URBAN DEVELOPMENT AGENCY

"ইলগাস ভবন", এইচসি ব্লক, সেক্টর-৩, বিধাননগর, কলকাতা-৭০০ ১০৬, পশ্চিমবঙ্গ

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

NIT Reference No	Clause / Terms & Conditions / Technical Specifications / Declarations as mentioned in the NIT	Clause / Terms & Conditions / Technical Specifications / Declarations as modified based on Pre-Bid Meeting /submitted bid queries
	<p>issue of the tender notice; or,</p> <p>iii) Intending bidders should produce credentials of one single running work of same or similar nature with Central & State Govt./PSU/ULB which has been completed to the extent of 75% or more and value or capacity of which is not less than the desired value or capacity at (i) above.</p> <p>Out of these same or similar nature of completed work with Central & State Govt./PSU/ULB, of the minimum value or capacity of Processing Plant furnished, bidders should ensure at least 55% of the minimum value or capacity of Processing Plant have been handled by the lead bidder, in case of consortium/JV.</p> <p>In case of running works, only those tenders who will submit the certificate of satisfactory running work from the concerned Executive Engineer, or equivalent competent authority will be eligible for the tender. In the required certificate it should be clearly stated that the work is in progress is satisfactorily and also that no penal action has been initiated against the executed agency, i.e., the tender.</p>	<p>Processing Plant with a capacity of at least 183 TPD having combination of Compost, RDF, MRF and Biomethanation; or,</p> <p>iii) Intending bidders should produce credentials of one single running work of same or similar nature (any type of SWM related works) with Central & State Govt./PSU/ULB which has been completed to the extent of 75% or more and value or capacity of which is not less than the desired value or capacity at (i) above.</p> <p>In case of running works, only those tenders who will submit the certificate of satisfactory running work from the concerned Executive Engineer, or equivalent competent authority will be eligible for the tender. In the required certificate it should be clearly stated that the work is in progress is satisfactorily and also that no penal action has been initiated against the executed agency, i.e., the tender.</p>

দূরভাষ : ২৩৫৮ ৬৪০৩ / ৫৭৬৭, ফ্যাক্স : ২৩৫৮ ৫৮০০

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

Account Section : 2358 6408

STATE URBAN DEVELOPMENT AGENCY

"ইলগাস ভবন", এইচসি ব্লক, সেক্টর-৩, বিধাননগর, কলকাতা-৭০০ ১০৬, পশ্চিমবঙ্গ

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

NIT Reference No	Clause / Terms & Conditions / Technical Specifications / Declarations as mentioned in the NIT	Clause / Terms & Conditions / Technical Specifications / Declarations as modified based on Pre-Bid Meeting /submitted bid queries
SECTION 2 - INSTRUCTIONS TO BIDDERS: Point No. 5(5.7) - Eligibility to participate in the Bid (Page-8)	5.7) Average annual turnover of the bidder (Refer Form TECH-1B) over the last three financial years (2016-17, 2017-18 and 2018- 19) should be at least Rs. 57.00 crore from similar services as mentioned above. In case, the applicant is a Consortium/JV, the required turnover criteria is to be fulfilled jointly, provided 55% of the criteria is fulfilled by the Lead Member.	The Clause may be read as: " Average annual turnover of the bidder (Refer Form TECH-1B) over the last three financial years (2016-17, 2017-18 and 2018- 19) should be at least Rs. 57.00 crore . In case, the applicant is a Consortium/JV, the required turnover criteria is to be fulfilled jointly, provided 55% of the criteria is fulfilled by the Lead Member."
SECTION 2 - INSTRUCTIONS TO BIDDERS: Point No. 5(5.8) - Eligibility to participate in the Bid (Page-8)	5.8) The bidder should be solvent. Solvency Certificate of Rs. 57.00 crore in favour of this specified Work, Tender ID & Tender Reference Number from any Scheduled/Nationalized Bank/Public Financial Institution is to be submitted along with the bid.	The Clause may be read as: "The bidder should be solvent. Solvency Certificate of Rs. 10.00 crore in favour of this specified Work, Tender ID & Tender Reference Number from any Scheduled/Nationalized Bank/Public Financial Institution is to be submitted along with the bid."
Section 5: Terms of Reference (ToR): Point No.I(A)(h) - For Bioremediation Process of Legacy Waste (Page-24)	h) Monitor ground water quality (in accordance with CPCB norms), work zone air quality and ambient air quality monitoring within the site from NABL accredited laboratories/agencies and submit the report on quarterly basis.	The Clause may be read as: "Monitor ground water quality (in accordance with CPCB norms), work zone air quality and ambient air quality monitoring within the site will be done by Concessionaire and submit the report vetted by the NABL accredited laboratories /agencies on quarterly basis ."

দূরভাষ : ২৩৫৮ ৬৪০৩ / ৫৭৬৭, ফ্যাক্স : ২৩৫৮ ৫৮০০

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

Account Section : 2358 6408

STATE URBAN DEVELOPMENT AGENCY

"ইলগাস ভবন", এইচসি ব্লক, সেক্টর-৩, বিধাননগর, কলকাতা-৭০০ ১০৬, পশ্চিমবঙ্গ

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

NIT Reference No	Clause / Terms & Conditions /Technical Specifications / Declarations as mentioned in the NIT	Clause / Terms & Conditions /Technical Specifications / Declarations as modified based on Pre-Bid Meeting /submitted bid queries
<p>Section 5: Terms of Reference (ToR):</p> <p>Point No.I(A)(n) - For Bioremediation Process of Legacy Waste (Page-24)</p>	<p>n) The Concessionaire shall explore the possibility of minimizing the disposal of processing rejects and maximize the usage of such processing rejects including but not limited to making of curb side blocks, filling of low-lying areas, construction of roads etc. To facilitate the disposal of rejects, SUDA has identified a low-lying land area in Panihati (approximately at a distance of 12km). If opted, the Concessionaire needs to develop this low-lying area in Panihati with an impermeable liner system for disposal of rejects and perform proper compaction, so that the site can be available for future use to put in new infrastructure.</p>	<p>The Clause may be read as:</p> <p>"The Concessionaire shall explore the possibility of minimizing the disposal of processing rejects and maximize the usage of such processing rejects including but not limited to making of curb side blocks, filling of low-lying areas, construction of roads etc. To facilitate the disposal of rejects, SUDA has identified a low-lying land area in Panihati (approximately at a distance of 12km). If opted, the Concessionaire needs to develop this low-lying area in Panihati for disposal of rejects and perform proper compaction, so that the site can be available for future use to put in new infrastructure and/or soil like material recovered from Biomining can be used as daily cover for proposed landfill site which can be stocked till construction of SLF, at identified area in proposed processing /disposal site."</p>
<p>Section 4 - Financial Proposal - Standard Forms:</p> <p>Form FIN-2: Bill of Quantities (BOQ) (Page-22)</p>	<p>Operation & Maintenance of processing Plant (Compost & RDF and Biomethenation) for processing of Solid Waste (Wet Waste & Dry Waste) and Sanitary Landfill for disposal of end products for the period of 20 years in terms of</p>	<p>The Clause may be read as:</p> <p>"Operation & Maintenance of processing Plant (Compost & RDF and Biomethenation) for processing of Solid Waste (Wet Waste & Dry Waste) and Sanitary Landfill for disposal of end products for the period</p>

দুরভাষ : ২৩৫৮ ৬৪০৩ / ৫৭৬৭, ফ্যাক্স : ২৩৫৮ ৫৮০০

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

Account Section : 2358 6408

STATE URBAN DEVELOPMENT AGENCY

"ইলগাস ভবন", এইচসি ব্লক, সেক্টর-৩, বিধাননগর, কলকাতা-৭০০ ১০৬, পশ্চিমবঙ্গ

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

NIT Reference No	Clause / Terms & Conditions /Technical Specifications / Declarations as mentioned in the NIT	Clause / Terms & Conditions /Technical Specifications / Declarations as modified based on Pre-Bid Meeting /submitted bid queries
	tipping fee.	of 20 years including Secondary Collection and Transportation of waste from Secondary collection points to Processing Facilities in terms of tipping fee."
<p>Section II - GENERAL CONDITIONS OF CONTRACT: Point No. D - Assignment and charges (Page-39)</p>	<p>The Agency shall not assign in favour of any person this Contract or the rights, benefits and obligations hereunder, save and except with prior consent of SUDA. Any such consent shall not relieve the Agency from any liability or obligation under the Contract and he shall be responsible for the acts, defaults and neglects of sub agency and his agents, servants or workmen as fully as if they were the acts, defaults or neglects of the Agency, his agents, servants or workmen</p>	<p>The Clause may be read as: "The Agency shall not assign in favour of any person this Contract or the rights, benefits and obligations hereunder, save and except with prior consent of SUDA. Any such consent shall not relieve the Agency from any liability or obligation under the Contract and he shall be responsible for the acts, defaults and neglects of sub agency and his agents, servants or workmen as fully as if they were the acts, defaults or neglects of the Agency, his agents, servants or workmen. If situation demands, Lead Member of the Consortium/JV may relieve the Biomining Agency once it has completed the Biomining works of legacy waste and obtaining completion certificate on Biomining work from the Competent Authority/SUDA."</p>
<p>Tender Schedule: Point No.F (Page-2)</p>	<p>Bid Submission closing (Bid Due Date): 06.07.2020 at 3:00 pm</p>	<p>The Clause may be read as: "Bid Submission closing (Bid Due Date): 13.07.2020 at 3:00 pm."</p>

দুরভাষ : ২৩৫৮ ৬৪০৩ / ৫৭৬৭, ফ্যাক্স : ২৩৫৮ ৫৮০০

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

Account Section : 2358 6408

সুডা**রাজ্য নগর উন্নয়ন সংস্থা****SUDA****STATE URBAN DEVELOPMENT AGENCY**

“ইলগাস ভবন”, এইচসি ব্লক, সেক্টর-৩, বিধাননগর, কলকাতা-৭০০ ১০৬, পশ্চিমবঙ্গ

“ILGUS BHAVAN”, HC Block, Sector - III, Bidhannagar, Kolkata - 700 106, West Bengal

NIT Reference No	Clause / Terms & Conditions / Technical Specifications / Declarations as mentioned in the NIT	Clause / Terms & Conditions / Technical Specifications / Declarations as modified based on Pre-Bid Meeting /submitted bid queries
Tender Schedule: Point No.G (Page-2)	Bid opening date for Technical Proposals: 08.07.2020 at 3:00 pm	The Clause may be read as: “Bid opening date for Technical Proposals: 15.07.2020 at 3:00 pm.”

All other Terms & Conditions of the NIT remains unchanged.

30-06-2020
Director - SUDA

দুরভাষ : ২৩৫৮ ৬৪০৩ / ৫৭৬৭, ফ্যাক্স : ২৩৫৮ ৫৮০০

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

Account Section : 2358 6408

West Bengal Tenders		eProcurement System of Government of West Bengal		
		Published Corrigendum Details		
		Date : 04-Jul-2020 11:41 AM		
		Print		
Organisation Chain :	MUNICIPAL AFFAIRS DEPARTMENT SUDA			
Tender ID :	2020_MAD_285205_1			
Tender Ref No :	SUDA 366/2019(pt-I)/10738			
Tender Title :	SUDA 366/2019(pt-I)/10738			
Corrigendum Type :	Date			
Corrigendum:1				
Corrigendum Title	Corrigendum Description	Published Date	Document Name	Doc Size(in KB)
DATE CORRIGENDUM	DATE CORRIGENDUM	30-Jun-2020 03:45 PM	2020_MAD_285205_1_Corrigendum_0001.pdf	2255.25
Critical Dates				
Publish Date	13-Jun-2020 04:00 PM	Bid Opening Date	15-Jul-2020 03:00 PM	
Document Download/Sale Start Date	13-Jun-2020 04:00 PM	Document Download/Sale End Date	13-Jul-2020 03:00 PM	
Clarification Start Date	NA	Clarification End Date	NA	
Bid Submission Start Date	13-Jun-2020 06:00 PM	Bid Submission End Date	13-Jul-2020 03:00 PM	
Details Before Corrigendum				
Critical Dates				
Publish Date	13-Jun-2020 04:00 PM	Bid Opening Date	08-Jul-2020 03:00 PM	
Document Download/Sale Start Date	13-Jun-2020 04:00 PM	Document Download/Sale End Date	06-Jul-2020 03:00 PM	
Clarification Start Date	NA	Clarification End Date	NA	
Bid Submission Start Date	13-Jun-2020 06:00 PM	Bid Submission End Date	06-Jul-2020 03:00 PM	

[wbenders.gov.in](#)
10:57 AM 7/11/2020

West Bengal
TENDERS

eProcurement System of Government of West Bengal
Published Corrigendum Details

Date: 04-Jul-2020 11:53 AM

Organisation Chain: MUNICIPAL AFFAIRS DEPARTMENT, SUGDA
Tender ID: 2020_MAD_285205_1
Tender Ref No: BCOA 3662501910710738
Tender Title: BCOA 3662501910710738
Corrigendum Type: Date

Corrigendum:

Corrigendum Title	Corrigendum Description	Published Date	Document Name	Doc Size (in KB)
DATE CORRIGENDUM	DATE CORRIGENDUM	30-Jul-2020 02:45 PM	COA_3662501910710738	2285.24

Critical Dates:

Document Download/Sale Start Date	15-Jul-2020 04:00 PM	Bid Opening Date	15-Jul-2020 03:28 PM
Clarification Start Date	14-Jul-2020 04:00 PM	Document Download/Sale End Date	15-Jul-2020 03:00 PM
Bid Submission Start Date	14-Jul-2020 04:00 PM	Clarification End Date	NA
		Bid Submission End Date	15-Jul-2020 03:00 PM

Details Before Corrigendum:

Critical Dates:

Document Download/Sale Start Date	15-Jul-2020 04:00 PM	Bid Opening Date	15-Jul-2020 03:00 PM
Clarification Start Date	NA	Document Download/Sale End Date	16-Jul-2020 03:00 PM
Bid Submission Start Date	15-Jul-2020 04:00 PM	Clarification End Date	NA
		Bid Submission End Date	15-Jul-2020 03:00 PM

Product Category: Miscellaneous Services
Sub category: Solid Waste
Bid Validity (Days): 720
Period Of Work (Days): NA
Pre Bid Meeting Place: NA
Bid Opening Place: ONLINE
Pincode: 700106
Pre Bid Meeting Date: NA
Allow Preferential Bidder: No

Key Dates:
 Bid Opening Date: 15-Jul-2020 03:00 PM
 Document Download / Sale End Date: 15-Jul-2020 03:00 PM
 Clarification End Date: NA
 Bid Submission End Date: 15-Jul-2020 03:00 PM

Document Details:
 Document Name: BCOA_3662501910710738
 Description: BCP for Cluster I
 Document Size (in KB): 471.70

Document Type: BCOA_3662501910710738
 Description: BCO
 Document Size (in KB): 284.60

Corrigendum Type:
 Date
 Other

DIRECTOR, STATE LINEAR DEVELOPMENT AGENCY
 State Linear Development Agency, 10.05 Bhawan, MC Block, Sector III, Saltlake - Kolkata - 700106