

Notice Inviting e-Tender
State Urban Development Agency, West Bengal
 (ILGUS BHAWAN,HC-BLOCK,SALT LAKE SECTOR-III, KOLKATA-700 106)
 (CONTACT No: 033-2358 6408/6403/5767, Fax No: 2358 5800)

Tender Reference No : WBMAD/SUDA/DIR/NIT-02(e)/2015-16

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The DIRECTOR, State Urban Development Agency, West Bengal, invites e-tender for the works detailed in the table below. (Submission of Bid through **online**)

Detail of Scheme(s)/ Work(s):

Name of work	Earnest Money	Time of Completion	Price of Tender
<p><u>Sl. No. -1 (Zone- 1)</u> Purchase of 100 nos. Truck Chassis mounted rear end Auto loading movable compactor of 14 cum. capacity with Tip Cart mechanism for the Urban Local Bodies of North 24 Parganas, South 24 Parganas, Hooghly, Nadia and Howrah Districts including Operation and Maintenance for three years after successful commissioning, training and trial run.</p>	2.00 percent of quoted price	Preferably 60 days not beyond 90 Days	Nil
<p><u>Sl. No. -2 (Zone – 2)</u> Purchase of 54 nos. Truck Chassis mounted rear end Auto loading movable compactor of 14 cum. capacity with Tip Cart mechanism for the Urban Local Bodies of Burdwan, Birbhum, Bankura, Purulia, Purba Medinipur, Paschim Medinipur and Murshidabad Districts including Operation and Maintenance for three years after successful commissioning, training and trial run.</p>	2.00 percent of quoted price	Preferably 60 days not beyond 90 Days	Nil
<p><u>Sl. No. -3 (Zone – 3)</u> a) Purchase of 26 nos. Truck Chassis mounted rear end Auto loading movable compactor of 14 cum. capacity with Tip Cart mechanism for the Urban Local Bodies of Malda, Dakshin Dinajpur, Uttar Dinajpur, Darjeeling (only for Siliguri Municipal Corporation), Jalpaiguri, Alipurduar and Coochbehar Districts including Operation and Maintenance for three years after successful commissioning, training and trial run. (b) Purchase of 6 nos. Truck Chassis mounted rear end Auto loading movable compactor of 8 cum. capacity with Tip Cart mechanism for the Urban Local Bodies of Darjeeling (For Darjeeling, Kalimpong, Kurseong Municipalities and Mirik N.A.A.) District including Operation and Maintenance for three years after successful commissioning, training and trial run.</p>	2.00 percent of quoted price	Preferably 60 days not beyond 90 Days	Nil

TECHNICAL SPECIFICATION OF COMPACTOR [14 CUM]

Purchase of 102 nos. Truck Chassis mounted rear end Auto loading movable compactor of 14 cum. capacity with Tip Cart mechanism for the Urban Local Bodies of North 24 Parganas, South 24 Parganas, Hooghly, Nadia and Howrah Districts.

TECHNICAL SPECIFICATION OF 14 CUM CONTAINER CAPACITY VEHICLE CHASSIS MOUNTED, REAR END MANUAL LOADING AND AUTO LOADING MOVABLE REFUSE COMPACTOR WITH UNIVERSAL BIN LIFTING ARRANGEMENT, DUMPER PLACER ARMS AND TIP CART/BIN CART SYSTEM.

1. GENERAL DESCRIPTION

Manufacture & supply of a Truck Chassis mounted, Rear End Auto Loading, Refuse Compactor, capable of collecting garbage/organic waste, compacting the same and transporting it to Dhapa dumping ground.

Truck mounted equipment should be of versatile capabilities and to be effective & economical to operate for disposing mixed waste which will include garden waste, market waste, domestic waste, commercial waste and others as generated in KMC area.

The Compactor to be designed to allow loading of refuses:

- **Manually,**
- By an independent refuse collection, hopper vehicle,
- By hydraulically lifting and emptying of all Bins of capacities upto 240 liters, Container of 4.5 m³ capacity & Container of 1100 litre capacity into its hopper by directly lifting and emptying into the hopper of compactor and also the containers of 4.5 m³ capacity similar type already in use in KMC. Both front & rear end of the containers will be similar and can be used with compactors and existing dumper placer of KMC
- The loose waste should be compacted upto 800-900 kg./cum (approx.)

The compactor should be with the following main components:

A 14 M³ container body. The container body shall be made of high tensile anti corrosive steel.

- a) An ejector plate with a multi stage, double acting hydraulic cylinder
- b) A tailgate body with two numbers double acting cylinders to facilitate it's opening/closing operations.
- c) A set of carrier and packer plates, each operated by a pair of hydraulic cylinders,
- d) A universal hydraulic bin lifter at the rear end, with two numbers of double acting hydraulic cylinders.
- e) Hydraulically operated, Dumper Placer Arms at the rear end on the tailgate, and
- f) A suitably rated, vehicle's PTO driven, Hydraulic pump unit.

The equipment shall have a loading height of maximum 1000 mm from the ground. System with lower height for easy loading will be preferred. The equipment to be designed

for at least continuous 8 hours operations under average conditions without any ill effects on its components.

2. VEHICLE CHASSIS

The complete equipment to be mounted on a vehicle chassis. The Chassis to be supplied by the supplier with a factory fitted auxiliary PTO and one Hydraulic Jack.

Technical Data

Manufacturer & Model	: Reputed manufacturer with standard design make BS-IV compliant chassis as per Govt. notification applicable within KMC jurisdiction. Details of make / model / spec. must be mentioned by the bidder without which tender may not be considered.
GVW	: Min 16 MT
HP	: Min 130 HP
Wheel Base	: Min 4200 mm.
Engine	: 6 cylinder and water cooled.
Tyre size	: 10.00 x 20-16
Fuel Tank	: 100 ltr. (min.)

3. CABIN

The Cabin should be sleeper type having Driver seat and Co-Driver seat of 6(six) accommodation provided with two part front view glass window with proper ventilation. There should be two emergency lights on both side of the top of the cabin.

4. MOUNTING

The Refuse Collection Body to be welded to a skid / sub-frame and to be directly bolted on to the long-bearers of the chassis frame with shear plates.

The front end of the collector body to be supported on each side using springs / special rubber mountings.

5. REFUSE COLLECTION BODY

The skid mounted Refuse Collection Body to be of a min 14 m³ volumetric capacity and of rectangular cross section. The body shall be fabricated from high tensile steel. The container to be of an all electrically welded and construction will be confirmed to IS 2825. A hydraulically operated ejector plate should be located at the forward end of the container body. At the rear end should be fitted a hinged tailgate assembly, consisting of a hopper, a slider and packer plate assembly which constitutes the compacting unit.

The hydraulically operated, skip loading arrangement assemblies to be located on the tailgate assembly and suitably positioned to facilitate emptying of the refuse Bins/Skips. The top, bottom and sidewalls, as also the tailgate, should be reinforced with steel rectangular box sections & an automatic tailgate locking arrangement to be incorporated in the system (if required)

Material	: high tensile steel one piece rolled side sheets & braced by front and rear hooks with pressed integral channels & keel type floor.
Volumetric Capacity	: Min 14 m ³
Side Plates	: Min 4 mm thick
Floor	: Min 5 mm thick
Emergency light	: Two emergency lights to be fitted on the top of the body of the back side.

6. The Compactor should have the following.

a) EJECTOR BLOCK

b) TAIL GATE ASSEMBLY

- i) **TAILGATE:** Tailgate with double lip type rubber seal cord for leak-proof and Automatic Gate locking arrangement to be provided made of 7 mm plate side panel.
- ii) **HOPPER:** Min 2.0 m³ capacity steel hopper with maximum loading height of 1000 mm to be welded between the sides of the Tailgate hopper bottom & side of 7 mm plates.
- iii) **SLIDER PLATE:** The plate to be of robust design to withstand harsh operating condition and actuated by hydraulic cylinder.
- iv) **PACKER PLATE:** The plate to be of robust design with strong reinforced bearing arms with hydraulic cylinder to be provided. Proven two plate fabrication packer of high tensile abrasion steel. slides within hopper channels on low friction self lubricating bearing.
- v) **UNIVERSAL BIN LIFTER:** Hydraulically operated Universal Bin Lifter unit capable to lift 240 liter EN/ DIN standard Bin to be provided along with fittings and also capable to lift 1100 litre container or similar to existing KMC container also suitable for use similar to mobile compactors of KMC.
- vi) **DUMPER PLACER UNIT:** Hydraulically operated two nos Dumper Placer Arms capable to lift metal container of 4.5 m³ and 1100 litre capacity to be provided on each side of the Tailgate. Two arms to be so designed that they will work as a single working unit.
- vii) **BIN/TIP CART LIFTER :** Bin cart should be 4 to 5 times the size of the traditional hand cart and should be fitted on the body properly to prevent unwanted noise during transportation of Municipal solid waste.

7. HYDRAULIC SYSTEM & DRIVE

a) Hydraulic Pump & Drive

WIPRO or equivalent makes hydraulic Pump of adequate capacity to meet the operational requirements of the complete system to be provided with the equipment. The hydraulic pump should be axial piston type/ gear Type.

The hydraulic pump to be driven by the auxiliary PTO supplied with the chassis. Engaging & disengaging of the PTO should be from the driver's cabin.

b) Hydraulic Cylinders

Hydraulic cylinders to be provided to carry out the functions of following component of the refuse collector unit:

- Double acting cylinder for Slider Plate
- Double acting cylinder for Packer Plate
- Double acting cylinder for Tailgate lifting and Auto-locking arrangement
- Double acting cylinder for Universal Bin Lifting arrangement
- Double acting cylinder for Dumper Placer Arms
- Double acting, 3-stage cushioned cylinder for Ejector Panel Block
- Cylinder for Rear Stabilizer

The cylinders to be manufactured by an ISO-9001/9002 certified company.

All cylinders to be double acting and cushioned, manufactured from ST-52 Grade steel and seals of reputed ISO-9000 manufacturer to be used.

All cylinders to be provided with lubricated bearings and should be of a standard reputed make.

c) Mobile Control Valves

1 no 2-bank direction control valve block to be provided to facilitate lifting & lowering the Tailgate and movement of the Refuse Ejector Plate.

1 no 2-bank direction control valve block to be provided to facilitate movement of the Carrier Plate, Packer Plate for compaction.

1 no 2-bank direction control valve block to be provided to facilitate movement of the Dumper placer arms and Stabilizer units. The valves to be designed so as to allow operations by two hands only to avoid risks of accidents. The mobile Control valves to be of a standard reputed make such as that of Valve oil of Italy or Bucher, Germany or equivalent.

d) Tank & Filters

The hydraulic oil storage tank should have a volumetric capacity of a minimum 100 liters and should come equipped with a suction strainer of 125 microns, steel cartridge type return line filter of 25 microns, filler/filter/breather for the tank and a level indicator.

8. SURFACE PREPARATION AND FINISH

Both the exterior and interior surfaces of the compactor to be thoroughly sanded prior to spray painting.

The container exterior should be spray-painted with two coats of superior quality, anti-corrosive primer and two coats of enamel metal paint of a reputed make. The colour shade to be that of the customer's choice.

To resist corrosion due to weak acids, the interior will be coated with 2 coats of anti-corrosive gray epoxy paint.

Technical Schedule of 14 M³ Capacity, Vehicle Chassis Mounted, Rear End Auto Loading Refuse Compactor

Srl No	Item Description	Bid Requirement	Bidder's Specification
1.	Type	Auto Loading Refuse Compactor	
2.	Engine		
2.1	Model of engine		
2.2	Minimum engine output	130 H.P	
2.3	Environment compliance	BS-IV/EURO-IV	
2.4	No of strokes cylinder	Double acting cushioned cylinder	
2.5	GVW	16 MT (Min)	
3	Wheel Base	4200 mm (min)	
4	Hydraulic Pump	Axial Piston Type/Gear Type	
5	DIN Standard BIN	Capacity – 240 Litres (Max)	
6	Skip Loader Containers	Capacity – 4.5 M ³ made of anti corrosive steel.	
7	Compactor capacity Min capacity	14 m ³	
8	Compactor Capacity	Loose waste compacted upto 800-900 Kg/cum approximate.	
9	Anti corrosive steel	As per specification	
10	ISO 9001 : 2008 Certification	For all hydraulic cylinders, stabilizers, pumps and allied components.	

Materials to be used in compactor:

Main compactor body: High tensile steel withy minimum 340N/ sq.mm tensile strength/ IS 2062, Gr-A

Refuse Ejection Barrier : Steel with 340N/mm² tensil strength/ST 52/IS 2062 Gr-A

Hopper : Hardox 400 / ST 52-3

Packer : Hardox 400 /ST 52-3

Compactor Material Thickness :

Main container body : Side plate : Min. 4 mm

: Floor plate : Min 5 mm

: Roof plate : Min 3 mm

Refuse Ejection Barrier : Min. 3 mm plate

Hopper : Min 3 mm plate

Packer : Min 5 mm plate

Safety features & Instructions :

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

Specification of anticorrosive steel

Composition:

Min. C%	Min Mn%	Min P%	Min S%	Min Si%
0.10	0.25 – 0.45	0.14 – 0.75	0.03	0.28 – 0.72

Min Ni % - 0.28 – 0.49

Min Cu % - 0.3 – 0.39

Min Cr % - 0.35 – 0.49

Max Mo % - 0.05

Max V_o % - 0.05

Max Al % - 0.03

Mo + V_o + Al = 0.09 Max

Mechanical properties

Y_s - 320 min

UTS (Mpa) - 460 min

Elongation % (min) - $5.65 \sqrt{S_o}$ = 22

TECHNICAL SPECIFICATION OF COMPACTOR [8 CUM]

TECHNICAL SPECIFICATION FOR 8 CUM CAPACITY VEHICLE CHASSIS MOUNTED, REAR END MANUAL LOADING AND AUTO LOADING MOVABLE REFUSE COMPACTOR WITH TIP CART MECHANISM.

GENERAL DESCRIPTION

Manufacture & supply of a Truck Chassis mounted, Rear End Auto Loading, Refuse Compactor, capable of collecting garbage/organic waste, compacting the same and transporting it to dumping ground.

Truck mounted equipment should be of versatile capabilities and to be effective & economical to operate for disposing mixed waste which will include garden waste, market waste, domestic waste, commercial waste and others as generated in Municipal area.

The Compactor to be designed to allow loading of refuses:

- **Manually,**
- By an independent refuse collection, hopper vehicle,
- By hydraulically lifting and emptying of all Bins of capacities up to 240 liters, 1100 Litres into the hopper of compactor.
- The loose waste should be compacted up to 800-900 kg./cum (approx.)

The compactor should be with the following main components:

Container should be 8 m³ capacity. The container body shall be made of anti corrosive steel.

- g) An ejector plate driven by double acting hydraulic cylinder
- h) A tailgate body with two numbers double acting cylinders to facilitate it's opening/closing operations.
- i) A set of carrier and packer plates, each operated by a pair of hydraulic cylinders,
- j) A universal hydraulic bin lifter at the rear end, with two numbers of double acting hydraulic cylinders.
- k) A suitably rated, vehicle's PTO driven, Hydraulic pump unit.

The equipment shall have a loading height of maximum 1000 mm from the ground. System with lower height for easy loading will be preferred.

The equipment to be designed for at least continuous 8 hours operations under average conditions without any ill effects on its components.

3. VEHICLE CHASSIS

The complete equipment to be mounted on a vehicle chassis. The Chassis to be supplied by the supplier with a factory fitted auxiliary PTO and Hydraulic Jack.

Technical Data :

Manufacturer & Model : Reputed manufacturer with standard design make BS-IV compliant chassis as per the Govt. notification Applicable within the Municipal jurisdiction.

Details of Make / Model / Specification must be Mentioned by the bidder without which the tender May not be considered.

GVW : Min 11 MT
HP : Min 90 HP
Wheel Base : Min 3600 mm.
Engine : 4 or 6 cylinder and water cooled.
Tyre size : 8.25 x 20-16PR.
Fuel Tank : 100 ltr. (Min.)

3. CABIN

The Cabin should be sleeper type having Driver seat and Co-Driver seat of 3 (three) accommodation provided with single / two part front view wind shield glass & window with proper ventilation. There should be two emergency lights on both side of the top of the cabin.

4. MOUNTING

The Refuse Collection Body to be welded to a skid / sub-frame and to be directly bolted on to the long-bearers of the chassis frame with shear plates. The front end of the collector body to be supported on each side using springs / special rubber mountings.

5. REFUSE COLLECTION BODY

The skid mounted Refuse Collection Body to be of a min 7 m³ volumetric capacity and of rectangular cross section. The body shall be fabricated from high tensile steel. The container to be of an all electrically welded and construction will be conformed to IS 2825. A hydraulically operated ejector plate should be located at the forward end of the container body. At the rear end should be fitted a hinged tailgate assembly, consisting of a hopper, a slider and packer plate assembly which constitutes the compacting unit.

The top, bottom and sidewalls, as also the tailgate, should be reinforced with steel rectangular hollow sections & an automatic tailgate locking arrangement to be incorporated in the system.

Material : High tensile steel one piece rolled side sheets & braced by front and rear hooks with pressed integral channels & keel type floor.

Volumetric Capacity : Min 8 m³

Side Plates	:	Min 4 mm thick
Floor	:	Min 5 mm thick
Emergency light	:	Two emergency lights to be fitted on the top of the body of the back side.

9. The Compactor should have the following.

c) EJECTOR BLOCK

d) TAIL GATE ASSEMBLY

- i) **TAILGATE:** Tailgate with double lip type rubber seal cord for leak-proof and Automatic Gate locking arrangement to be provided made of 7 mm plate side panel.
- ii) **HOPPER:** Min 1 m³ capacity steel hopper with maximum loading height of 1000 mm to be welded between the sides of the Tailgate hopper bottom & side of 7 mm plates.
- iii) **SLIDER PLATE:** The plate to be of robust design to withstand harsh operating condition and actuated by hydraulic cylinder.
- iv) **PACKER PLATE:** The plate to be of robust design with strong reinforced bearing arms with hydraulic cylinder to be provided. Proven two plate fabrication packer of high tensile abrasion steel. slides within hooper channels on low friction self lubricating bearing.
- v) **UNIVERSAL BIN LIFTER:** Hydraulically operated Universal Bin Lifter unit capable to lift 240 liter & 1100 litre EN/ DIN standard Bin to be provided along with fittings
- vi) **BIN/TIP CART LIFTER:** Bin cart should be 3 to 4 times the size of traditional hand cart. Bin cart should be fitted on the body properly to prevent unwanted noise during transportation of municipal solid waste. Tip cart should be detachable and not to be bolted but connected with the compactor in such a way that tip cart can be easily detached within few minutes.

10. HYDRAULIC SYSTEM & DRIVE

a) Hydraulic Pump & Drive

WIPRO or equivalent makes hydraulic Pump of adequate capacity to meet the operational requirements of the complete system to be provided with the equipment. The hydraulic pump should be axial piston type/ gear Type with min. flow rate 64 lpm & speed 1500 rpm.

The hydraulic pump to be driven by the auxiliary PTO supplied with the chassis. Engaging & disengaging of the PTO should be from the driver's cabin.

b) Hydraulic Cylinders

Hydraulic cylinders to be provided to carry out the functions of following component of the refuse collector unit:

- Double acting cylinder for Slider Plate
- Double acting cylinder for Packer Plate
- Double acting cylinder for Tailgate lifting and Auto-locking arrangement
- Double acting cylinder for Universal Bin Lifting arrangement
- Double acting cylinder for Dumper Placer Arms
- Double acting, 3-stage cushioned cylinder for Ejector Panel Block

The cylinders to be manufactured by an ISO-9001/9002 certified company.

All cylinders to be double acting and cushioned, manufactured from ST-52 Grade steel and seals of reputed ISO-9000 manufacturer to be used.

All cylinders to be provided with lubricated bearings and should be of a standard reputed make.

c) Mobile Control Valves

1 no 2-bank direction control valve block to be provided to facilitate lifting & lowering the Tailgate and movement of the Refuse Ejector Plate.

1 no 2-bank direction control valve block to be provided to facilitate movement of the Carrier Plate, Packer Plate for compaction.

1 no 2-bank direction control valve block to be provided to facilitate movement of the Dumper placer arms and Stabilizer units.

The valves to be designed so as to allow operations by two hands only to avoid risks of accidents. The mobile Control valves to be of a standard reputed make such as that of Valvoil of Italy or Bucher of Germany or equivalent.

d) Tank & Filters

The hydraulic oil storage tank should have a volumetric capacity of a minimum 100 litres and should come equipped with a suction strainer of 125 microns, steel cartridge type return line filter of 25 microns, filler/filter/breather for the tank and a level indicator. Tank to be made of min. 3 mm steel as per IS: 2062 grade A/ IS: 1079.

11. SURFACE PREPARATION AND FINISH

Both the exterior and interior surfaces of the compactor to be thoroughly sanded prior to spray painting.

The container exterior should be spray-painted with two coats of superior quality, anti-corrosive primer and two coats of enamel metal paint of a reputed make. The colour shade to be that of the customer's choice.

To resist corrosion due to weak acids, the interior will be coated with 2 coats of anti-corrosive gray epoxy paint.

Technical Schedule of 8 M³ Capacity, Vehicle Chassis Mounted, Rear End Auto Loading Refuse Compactor

Srl No	Item Description	Bid Requirement	Bidder's Specification
1.	Type	Auto Loading Refuse Compactor	
2.	Engine	4/6 cylinders & water cooled.	
2.1	Minimum engine output	90 H.P	
2.2	Environment compliance	BS-IV	
2.3	No of strokes cylinder	Double acting cushioned cylinder	
2.4	GVW	11 MT (Min)	
3	Wheel Base	3600 mm (min)	
4	Hydraulic Pump	Axial Piston Type/Gear Type	
5	Min. capacity of EN /DIN standard Bin.	240 litre	
6	Max. capacity of EN /DIN standard bin.	1100 litre	
7	Compactor capacity Min capacity	8 m ³	
8	Compactor Capacity	Loose waste compacted up to 800-900 Kg/cum approximate.	
9	Anti corrosive steel	As per specification	
10	ISO 9001 : 2008 Certification	For all hydraulic cylinders, stabilizers, pumps and allied components.	

Materials to be used in compactor:

Sl. No.	Description	Material
1	Main compactor body	Steel as per IS 2062, Gr. A
2	Refuse Ejection Barrier	Steel as per ST 52/ IS 2062, Gr. A
3	Hopper	Hardox 400 / ST-52-3
4	Packer	Hardox 400 /ST-52-3

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

Material Thickness:

1. Main container body : Side plate : Min. 4 mm
: Floor plate : Min 5 mm
: Roof plate : Min 3 mm
2. Refuse Ejection Barrier : Min. 3 mm plate
3. Hopper : Min 3 mm plate
4. Packer : Min 5 mm plate

Safety features & Instructions:

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

Commercial Terms & Conditions :

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

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

- 2) Inspection will be done at manufacturing site of bidder.
- 3) There shall be complete integrated free warranty for an initial period of 36 months.
- 4) Supply should be completed within 120 days from the date of issue of LOI/Work Order.
- 5) Delay fine : 2% Penalty for delay beyond contract delivery period will be chargeable on pro rata basis for the number of day of delay on undelivered quantity.
- 6) Earnest money to be deposited along with technical bid & will be retained by Municipality till the delivery is completed
- 7) Bidder registered under NSIC for compactors will be exempted from Earnest money deposit only but all other terms & condition shall have to be abided by as per norms.
- 8) Price should be for respective Municipality inclusive of all taxes & duties, freight, final registration, comprehensive insurance & trial & training.
- 9) Price quoted should be firm and should remain valid up to 120 days from the date of opening of tender.
- 10) Bank Guarantee towards performance security @ 10% of contract price to be deposited which shall be retained by respective Municipality for one year warranty period.
- 11) List of spares & consumables for 3 years maintenance period with individual rate should be mentioned but not to be included in the offered price.
- 12) Delivery to be made to respective Municipality garage.

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

- 1) The work consists of operation and maintenance of 1 no. 14 cum capacity movable compactor under the Municipality.
- 2) All preventive and breakdown maintenance of Compactors to be done by agency.
- 3) All the types of Garbage (Solid Waste) loaded in the container as well as Trash Bin are to be emptied and compacted with the help of movable compactor placed at the site from 6 a.m. to 6 p.m. on every day including Sundays & Holidays. However duty hours may be changed as per requirement of the Municipality.
- 4) Loaded compactor to be carried & to be unloaded at dumping ground and to return back to work site to start the next cycle of operation.

- 5) The agency will be responsible for taking care of the total equipment installed in the Garbage Collection point throughout the day & night (if required).
- 6) If any Movable Compactor is not outshedded or outshedding is delayed causing hampering of daily conservancy service because of technical fault of Movable Compactor or due to shortage/ non availability of driver/mechanic/spare parts, penalty of Rs. 10,000/- per Movable Compactor per day will be deducted from the bill of agency.
- 7) Preventive maintenance can be done once in a month with prior approval of the Municipality Preventive maintenance of each vehicle/equipment in turn will be done by the agency for which no deduction of payment will be made and agency will clear the backlog work for that day by doing extra time only for which no payment will be made by the Municipality.
- 8) Normal security of the equipment or vehicle will be maintained by the agency during operation
- 9) The successful agency will have to comply with all applicable statutory obligations relating to i) the machine and also for ii) deployment of labour applicable in the Municipality.
- 10) Daily/Weekly/Monthly routine check-ups, periodic preventive maintenance and break down maintenance / repairing works, servicing, greasing etc. will be done by the agency.
- 11) All spares & consumables shall be supplied by agency.
- 12) List of all replaceable spares & consumable used by the agency in a month to be submitted to the dept. along with the monthly bill. Cost of spare parts will be paid on actual basis.
- 13) Agency will refund the damaged/unserviceable spares to three respective garages within a week from the date of replacement and garage in-charge will certify the same.
- 14) Rate to be quoted monthly basis as well as for 03 years.
- 15) While carrying out the maintenance activities, necessary safety measures shall be adopted.
- 16) Driver must have at least 3 years Heavy driving license & capacity to drive vehicle efficiently in dirty & muddy road such as at Dumping Ground.
- 17) Driver must have his own mobile telephone which will remain open throughout the day so that communication can be made by the department as and when required.
- 18) During duty hours if any driver is found intoxicated he will be suspended immediately and the agency will replace his substitute on the next day.
- 19) Safety & security of the vehicle during working hours will be looked after by the Driver. If any spare of accessories is found missing or replaced after completion of days work party will be held responsible and compensation will be charged against the party.
- 20) Diesel will be provided @ 13 Lts /trip/vehicle subject to road/traffic/engine performance & distance travelled and mobil @ 5 Lts /month for top up and 18 Lts mobil/vehicle during the servicing at the interval of 10000KM run will be provided by the dept. 100 Lts. Hydraulic oil for complete change twice in 3 year will be provided by the Municipality. No Hydraulic oil will be provided in 1st year. No fuel will be issued for servicing of any nature. Diesel allotment may vary depending upon the distance covered by each vehicle and to be decided by the deptt.
- 21) In case violation of traffic rule by the concerned driver necessary penalty charges will be paid by the party on behalf of the department and he will contact Police/Traffic authority to settle the issue.
- 22) In case of accident during operation party will keep in touch with Police/Traffic authority for releasing the vehicle as well as driver on behalf of the department.
- 23) Compensation due to minor accident/damage of any public property will be made by the party to the concerned victims/owner of the property.
- 24) Normal Insurance of the vehicle with equipment will be done by the Municipality. However any damage outside the insurance coverage will be repaired by the agency at their own cost.
- 25) Replacement/repair of Tire, Tube & Battery will be done by the agency at their own cost.
- 26) Though the work is for the tenure of three year review of the work will be done after completion of each year by the Municipality & agency & the Municipality will have the right to terminate the contract with prior notice of one monthly if the the Municipality authority desires so.
- 27) Subcontracting of any nature will not be allowed.

- 28) In case of complete break down on road/ dumping ground towing up to garage will be done by the agency.
- 29) In case of draining out of hydraulic oil during maintenance time refilling will be done by the Municipality for 1st time only in 03 years.
- 30) Prices of the spare parts covered under warranty are not to be considered in the bidding.
- 31) 10% of O & M cost to be submitted as Bank Guarantee which will be retained by the Municipality for 3 years as a security deposit. No concession or exemption in any form or manner what so ever will be accepted.
- 32) Bill to be submitted month wise.

GENERAL TERMS AND CONDITIONS FOR BIDDERS THROUGH E-TENDER:

- 1) In the event of e-filling, intending bidders may download the tender documents from the website **<http://etender.wb.nic.in>** directly with the help of Digital Signature Certificate. Necessary Earnest Money may be remitted through Demand Draft / Pay Order issued from any nationalized bank in favour of the "**Director , State Urban Development Agency, West Bengal**" payable at **Kolkata** and also to be documented through e-filling. The original Demand Draft / Pay Order against Earnest Money Deposit (EMD) to the State Urban Development Agency, West Bengal is to be submitted along with hardcopy of the Technical bid within the stipulated date as mentioned in the letter of acceptance only.
- 2) Both **Technical Bid and Financial Bid** are to be submitted concurrently duly digitally signed in the website <https://etender.wb.nic.in>
- 3) Tender documents may be downloaded from website and submission of Technical Bid and Financial Bid will be done as per Time Schedule stated.
- 4) The **FINANCIAL OFFER** of the prospective tenderer will be considered only if the **TECHNICAL BID** of the tenderer is found qualified by the 'Tender Evaluation Committee'. The decision of the 'Tender Evaluation Committee' will be final and absolute in this respect. The list of Qualified Bidders will be displayed in the website.
- 5) **Eligibility criteria for participation in the tender.**
 - i. Manufacturer of compactors having an experience of supplying at least 50 compactors to Government/Semi Government, Public Sector, Government autonomous body within last 5 (Five) financial years (FY 2010-2011 to FY 2014-2015). MOU / Joint Venture/ sub contract in any form will not be allowed or provided in this contract.
 - ii. The Manufacturer must have at least 05 (five) years experience in manufacturing Movable/mobile Compactors and certificate of satisfactory performance of compactors supplied to parties of minimum one year to be furnished.
 - iii. The Manufacturer must be ISO 9000 accredited company.
 - iv. Tenderer must have valid Trade License, PAN, and VAT. Certificate of registration with the department of Industries in the state where the manufacturing plant is located and certificate of NSIC is accepted in lieu of Trade License.
 - v. The Tenderer must have service centre with requisite available spares in Kolkata. Proper address and location must be mentioned in the bid.
 - vi. The prospective bidders shall neither have abandoned any work nor any of their contract have been rescinded during the last 5 (five) years. Such abandonment or rescission will be considered as disqualification

towards eligibility. (A declaration in this respect through affidavit has to be furnished by the prospective bidders without which the Technical Bid shall be treated as non-responsive).

vii. The company shall furnish the Article of Association and Memorandum.

viii. The average annual turnover of the manufacturer during the last three financial years should be not less than Rs.100 crore.

6) **Payment term:** As mentioned in the commercial terms & conditions.

7) **There shall be no provision of Arbitration.**

8) Bid shall remain valid for a period not less than **90 (Ninety) days** from the last date of submission of Financial Bid / Sealed Bid. If the bidder withdraws the bid during the validity period of bid, the earnest money as deposited will be forfeited forthwith without assigning any reason thereof.

9) Date and Time Schedule:

Sl. No.	Particulars	Date & Time (IST)
1	Date of uploading of N.I.T. & other Documents (online)	28.09.2015
2	Documents download start date (Online)	29.09.2015 11:00A.M
3	Documents download end date (Online)	28.10.2015 11:00A.M
4	Pre-Bid Meeting Date. Venue: Office of the Director, SUDA, "ILGUS BHAVAN" Sector III, Bidhannagar, Kolkata-700106, West Bengal.	07.10.2015 2:00 P.M.
5	Bid submission start date (On line)	29.09.2015 5:00 P.M.
6	Bid Submission closing (On line)	28.10.2015 1:00 P.M
7	Bid opening date for Technical Proposals	28.10.2015 3:00 P.M
8	Date of uploading list for Technically Qualified Bidder(online)	To be notified later on
9	Date for opening of Financial Proposal	To be notified later on
10	Date of submission of original copies for the Earnest Money Deposit & Technical bid along with credential, Annual Bank Statement & Profit and Loss Account for last 3 years (Offline) to the Office of the Director, SUDA, "ILGUS BHAVAN" Sector III, Bidhannagar, Kolkata- 700106, West Bengal.	29.10.2015 2:00P.M.

10) **Earnest Money:** The amount of Earnest Money as per the appropriate clause in the shape of Bank Draft / Pay Order of any nationalized bank drawn in favour of the "**Director, State Urban Development Agency, West Bengal**" payable at **Kolkata**.

- 11) The Bidder, at his own responsibility and risk is encouraged to visit and examine the site of works and its surroundings and obtain all information that may be necessary for preparing the Bid and entering into a contract for the work as mentioned in the Notice Inviting Tender, before submitting offer with full satisfaction, the cost of visiting the site shall be at his own expense.
- 12) The intending Bidders shall clearly understand that whatever may be the out come of the present invitation of Bids, no cost of Bidding shall be reimbursable by the Department. The Director, State Urban Development Agency, West Bengal reserves the right to accept or reject any offer without assigning any reason whatsoever and is not liable for any cost that might have been incurred by any Tenderer at the stage of Bidding.
- 13) Prospective applicants are advised to note carefully the minimum qualification criteria as mentioned in '**Instructions to Bidders**' stated in before tendering the bids.
- 14) Conditional / Incomplete tender will not be accepted under any circumstances.**
- 15) The intending tenderers are required to quote the price online.**
- 16) Contractor shall have to comply with the provisions of (a) the contract Labour (Regulation Abolition) Act. 1970 (b) Apprentice Act. 1961 and (c) minimum wages Act.1948 of the notification thereof or any other laws relating thereto and the rules made and order issued there under from time to time.
- 17) During scrutiny, if it comes to the notice of the tender inviting authority that the credential or any other paper found incorrect / manufactured / fabricated, that bidder would not be allowed to participate in the tender and that application will be rejected without any prejudice.
- 18) The Director, State Urban Development Agency, West Bengal, reserves the right to cancel the N.I.T. due to unavoidable circumstances and no claim in this respect will be entertained.
- 19) Before issuance of the WORK ORDER, the tender inviting authority may verify the credential and other documents of the lowest tenderer if found necessary. After verification if it is found that the documents submitted by the lowest tenderer is either manufactured or false in that case work order will not be issued in favour of the said Tenderer under any circumstances.

20) If any discrepancy arises between two similar clauses on different notification, the clause as stated in later notification will supersede former one in following sequence:

- 1) **N.I.T.**
- 2) **Tender Document.**

21) **Qualification criteria:**

The tender inviting and Accepting Authority through a "Tender Evaluation Committee" will determine the eligibility of each bidder. The bidders shall have to meet all the minimum criteria regarding:

- 1) **Financial Capacity**
- 2) **Experience/Credential**

22) The eligibility of a bidder will be ascertained on the basis of the document(s) in support of the minimum criteria as mentioned above and the declaration executed through prescribed affidavit in non-judicial stamp paper of appropriate value duly notarized. If any document submitted by a bidder is either manufactured or false, in such cases the eligibility of the bidder / tenderer will be rejected at any stage without any prejudice.

23) Escalation of Price on any ground and consequent cost over run shall not be entertained under any circumstances. Rates should be quoted accordingly.

24) **No. price preference and other concession will be allowed.**

25) **Zone wise and District wise list of Urban Local Bodies indicating tentative nos. of compactor to be supplied is attached herewith (Annexure- I) for which three (3) Separate BOQ have been uploaded.**

DIRECTOR
State Urban Development Agency, West Bengal

INSTRUCTION TO TENDERERS/BIDDERS

SECTION – A

1. General guidance for e-tendering

Instructions/ Guidelines for Bidders for electronic submission of the Bids have been annexed for assisting them to participate in e-tendering.

2. Registration of Bidder

Any Bidder willing to take part in the process of e-tendering will have to be enrolled and registered with the Government e-procurement system, through logging on to **<https://wbidders.gov.in>**. The Bidder is to click on the link for e-tendering site as given on the web portal.

3. Digital Signature certificate (DSC)

Each Bidder is required to obtain a class-II or Class-III Digital Signature Certificate (DSC) for submission of Bids, from the service provider of the National Information's Centre (NIC) or any other bonafide service provider on payment of requisite amount. Details are available at the Web Site stated in Clause 2 of Guideline to Bidder. DSC is given as a USB e-Token.

4. The contractor can search and download NIB and Bid Documents electronically from computer once he logs on to the website mentioned in Clause 2 using the Digital Signature Certificate. This is the only mode of collection of Bid Documents.

5. Submission of Bids.

General process of submission, Bids are to be submitted through online to the website stated in Cl. 2 in two folders at a time for each work, one in Technical Proposal and the other is Financial Proposal before the prescribed date and time using the Digital Signature Certificate (DSC) the documents are to be uploaded virus scanned copy duly Digitally Signed. The documents will get encrypted (transformed into non readable formats).

Technical proposal

The Technical proposal should contain scanned copies of the following further two covers (folders).

Statutory Documents

I. Technical Packet:

1. NIT(Notice Inviting Tender) : The Bidders are instructed to download the NIT Document Properly, and the same NIT Document will be uploaded in this Folder.
2. Scan Copy of EMD: The Bidders are Instructed to Scan the Draft and the same must be uploaded in this Folder.
3. All Annexures : The Bidders have to take a print out copy of the Annexures, fill them properly in hard copies and the same documents has to be scanned in Multipage PDF format and upload in this Folder.
4. Special terms, conditions & specification of work and Bank solvency certificate

II. Financial Packet:

1. BOQ (Bill OF Quantity) : The Bidders are Instructed to download the BOQ (i.e., Excel sheet) and the same must be filled up properly and uploaded by providing competitive rates and Company name.

Non Statutory Document/ OID (Other Important Documents :

To upload these documents go to My Account → My Document → then you can see the Folders.

The Documents must be arranged in the format given below :

1	CERTIFICATES	PAN, PTAX CERTIFICATE,P-TAX CHALLAN LATEST, VAT, VAT RETURN OF THE LAST THREE QUARTERS, CLEARANCE CERTIFICATE FOR THE CURRENT YEAR ISSUED BY THE ASSISTANT REGISTER OF CO-OP(S) (ARCS) BYE LAWS ARE TO BE SUBMITTED BY THE REGISTERED LABOUR CO-OP(S) ENGINEERS' CO.-OPT.(S),ANY OTHER CERTIFICATES WHICH IS APPLICABLE FOR THIS TENDER
2	COMPANY DETAILS	TRADE LICENCE FOR PROPRIETORSHIP FIRM,PARTNERSHIP DEED/MEMORANDUM
3	CREDENTIALS	COMPLETION CERTIFICATES OF THE PREVIOUS JOBS DONE (LAST 5 YEARS)
4	AUDIT REPORT FOR THE LAST 5 YEARS	PROFIT AND LOSS AND BALANCE SHEET FOR THE LAST 5 YEARS.
5	POWER OF ATTORNEY	POWER OF ATTORNEY (FOR PARTNERSHIP FIRM/ PRIVATE LIMITED COMPANY, IF ANY)
6	OTHER IMPORTANT DOCUMENTS	I)LIST OF MACHINERIES POSSESSED BY OWN/ARRANGED THROUGH LEASE DEED ALONG WITH AUTHENTICATED DOCUMENTS OF LEASE / SUB-LEASE / HIRE BASIS ETC. II. LIST OF LABORATORY INSTRUMENT. III. LIST OF TECHNICAL STAFF ALONG WITH STRUCTURE AND ORGANIZATION IV.ELECTRICAL SUPERVISORY COMPETENCY CERTIFICATE FROM DIRECTORATE OF ELECTRICITY, GOVT. OF W.B./ COMPETENT AUTHORITY OF OTHER GOVT. AS APPLICABLE.

The Bidders are instructed to scan the documents in Multipage PDF Format and the scanning properties must be in (100 to 150 DPI/PPI).

Note: - Failure of submission of any of the above mentioned documents will render the Bid liable to be summarily rejected for both statutory and non statutory cover.

THE ABOVE STATED NON-STATUTORY TECHNICAL DOCUMENTS SHOULD BE ARRANGED IN THE FOLLOWING MANNER

6. Bid Evaluation

- i. Opening and evaluation of Bid: - If any Bidder is exempted from payment of EMD, copy of relevant Government order needs to be furnished (applicable in case of Registered Labour Co-Operative Society).
- ii. Opening of Technical proposal: - Technical proposals will be opened by the Bid Inviting Authority electronically from the website using his/ her Digital Signature Certificate.
- iii. Cover (folder) of statutory documents should be opened first and if found in order, cover (Folder) for non statutory documents will be opened. If there is any deficiency in the statutory documents the Bid will summarily be rejected.
- iv. Uploading of summary list of technically qualified Bidders.
- v. Pursuant to scrutiny and decision of the screening committee the summary list of eligible Bidder and for which their proposal will be considered and uploaded in the web portals.
- vi. While evaluation, the committee may summon the Bidders and seek clarification / information or additional documents or original hard copy of any of the documents already submitted and if these are not produced within the stipulated time frame, their proposals will be liable for rejection.

Financial proposal

To be uploaded Digitally signed by the Bidder. Three (3) separate BOQ have been uploaded for financial bidding according to Zone as per Annexure 1.

Financial capacity of a Bidder will be judged on the basis of working capital and available bid capacity as mentioned in the information furnished in the N.I.T. documents . If an applicant feels that his/their Working Capital beyond own resource may be insufficient, he/they may include with the application a letter of guarantee issued by a first class Bank to supplement the applicant. This letter of guarantee should be addressed to the Bid Inviting/ Accepting Authority and should guarantee duly specifying the name of the project that in case of contract is awarded to the Bidder, the Bidder will be provided with a revolving line of credit. Such revolving line of credit should be maintained until the works are taken over by the Authority.

The audited Balance sheet for the last five years, net worth bid capacity etc. are to be submitted which must demonstrate the soundness of Bidder's financial position, showing long term profitability including an estimated financial projection of the next two years.

7. Penalty for suppression / distortion of facts

Submission of false document by Bidder is strictly prohibited and in case of such act by the Bidder the same may be referred to the appropriate authority for prosecution as per relevant IT Act with forfeiture of earnest money forthwith.

8. REJECTION OF BID

The Employer (Bid accepting authority) reserves the right to accept or reject any Bid and to cancel the Bidding processes and reject all Bids at any time prior to the award of Contract without thereby incurring any liability to the affected Bidder or Bidders or any obligation to inform the affected Bidder or Bidders of the ground for Employer's (Bid accepting authority) action.

The Bidder whose Bid has been accepted will be notified by the Bid Inviting and Accepting Authority through acceptance letter/ Letter of Acceptance

The Letter of Acceptance will constitute the formation of the Contract.

The Agreement in Printed Tender Form will incorporate all necessary documents e.g. N.I.T., all addenda-corrigendum, special terms and condition , different filled-up forms Price Schedule and the same will be executed between the Bid Accepting Authority and the successful Bidder.

Director,

State Urban Development Agency, West Bengal

ANNEXURE A

PRE-QUALIFICATION APPLICATION

To
Director
State Urban Development Agency, West Bengal

(Name of work)

N.I.T.No.:

Dear Sir,

Having examined the Statutory, Non statutory and NIT documents, I /we hereby submit all the necessary information and relevant documents for evaluation. The application is made by me / us on behalf of _____ In the _____ capacity _____duly authorized to submit the order.

The necessary evidence admissible by law in respect of authority assigned to us on behalf of the group of firms for Application and for completion of the contract documents is attached herewith.

We are interested in bidding for the work(s) given in Enclosure to this letter.

We understand that:

(a) Bid Inviting and Accepting Authority/Engineer-in-Charge can amend the scope and value of the contract bid under this project.

(b) Bid Inviting and Accepting Authority/Engineer-in-Charge reserves the right to reject any application without assigning any reason.

Encl:- e-Filling:-

1. Statutory Documents
2. Non Statutory Documents

Date: -

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

ANNEXURE D
Experience Profile

Name of the Firm:.....

List of projects completed that are similar in nature to the supply executed during the last 3 (*three*) years.

Name of Employer	Name, Location & nature of work/ Supply	Name of Consulting Engineer responsible for supervision	Contract price in Indian Rs.	Percentage of Participation of company	Original Date of start of work/ Supply	Original Date of completion of work/ Supply	Actual Date of starting the work /Supply	Actual Date of completion of work/ Supply	Reasons for delay in completion (if any)

Note:

- 1) Certificate from the Employers to be attached
- 2) Non-disclosure of any information in the Schedule will result in disqualification of the firm

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

ANNEXURE E

FINANCIAL STATEMENT

B.1 Name of Applicant :

B.2 Summary of assets and liabilities on the basis of the audited financial statement of the last five financial years.

(Attach copies of the audited financial statement of the last five financial years)

	1st Year (Rs. In lakh)	2nd Year (Rs. In lakh)	3rd Year (Rs. In lakh)	4th Year (Rs. In lakh)	5th Year (Rs. In lakh)
a) Current Assets : (It should not include investment in any other firm)					
b) Current liabilities : (It should include bank over draft)					
c) Working capital : (a) – (b)					
d) Net worth : (Proprietors Capital or Partners Capital or Paid up Capital + Reserve and surplus)					
e) Bank loan/ Guarantee :					

B.3 Annual value of works undertaken :

Work in hand i.e. Work order issued	As on 31.03.2015	As on 31.03.2014	As on 31.03.2013	As on 31.03.2012	As on 31.3.2011

Signed by an authorized officer of the firm

Title of the officer

Name of the Firm with Seal

Date _____

ANNEXURE F

POWER OF ATTORNEY

Declaration of the Bidder

(Affidavit to be affirmed on a Non Judicial Stamp Paper of Appropriate Value And Duly Notarized)

I,, son of

....., aged about years by occupation do hereby solemnly affirm and confirm as follow:

1. That, I am the Of have duly authorized by and competent to affirm this affidavit on behalf of the said Bidder.
2. That, I have inspected the site of work covered under NIB (NIB No) circulated through Office memo bearing No -----dated ----- and have made myself fully acquainted with the site conditions existing level/proposed level and local conditions in and around the site of work. I have also carefully and meticulously gone through the Bid documents. Bid of the above named Bidder is offered and submitted upon due consideration of all factors and if the same is accepted, I on and for behalf of the aforesaid Bidder, being lawfully and duly authorized, promise to abide by all the covenants, conditions and stipulations of the Contractual documents and to carry out, complete the works to the satisfaction of the Bid accepting Authority of the Work and abide by all instructions as may given by the Engineer in Charge of the work time to time. I also hereby undertake to abide by the provisions of Law including the provisions of Contract Labour (Regulation & Abolition) Act, Apprentice Act 1961, West Bengal Sales Tax Act, VAT Act, Income Tax Act as would be applicable to the Contractor upon entering into formal Contract / agreement with the Bid Inviting/Accepting authority.
3. That I declare that, no relevant information as required to be furnished by the Bidder has been suppressed in the Bid documents.
4. That the statement above made by me is true to my knowledge.

Deponent

Solemnly affirmed by the said

before me.

.....

(1st class Judicial Magistrate / Notary Public)

ANNEXURE G
STRUCTURE AND ORGANISATION

A.1 Name of applicant:

A.2 Office Address:

Telephone No. and Cell Phone No. :

Fax No. :

E mail :

A.3 Attach an organization chart showing the structure of the company with names of Key personnel and technical staff with Bio-data. :

Note: Application covers Proprietary Firm, Partnership, Limited Company or Corporation,

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

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

Sl. No.	Zone	Districts Covered	ULBs Covered	No. of Mobile Compactor
1	I	Nadia	Krishnagar	2
2			Nabadwip	2
3			Santipur	2
4			Ranaghat	1
5			Birnagar	1
6			Chakdah	2
7			Taherpur NAA	1
8			Cooper's Camp NAA	1
9			Gayeshpur	1
10			Haringhata	2
11			Kalyani	2
12		North 24 Parganas	Bongaon	2
13			Gobardanga	1
14			Baduria	1
15			Basirhat	2
16			Taki	1
17			Ashokenagar - Kalyangarh	2
18			Habra	2
19			Baranagar	2
20			Barasat	2
21			Barrackpore	2
22			Bhatpara	2
23			Bidhannagar Municipal Corporation	3
24			Dum Dum	2
25			Garulia	2
26			Halisahar	2
27			Kamarhati	2
28			Kanchrapara	2
29			Madhyamgram	2
30			Naihati	2
31			New Barackpore	1

32	II		North Barackpore	2
33			North Dum Dum	2
34			Panihati	2
35			South Dum Dum	2
36			Titagarh	2
37			Khardah	2
38			South 24 Parganas	Joynagar Mozilpur
39		Diamond Harbour		1
40		Baruipur		1
41		Budge Budge		1
42		Maheshtala		2
43		Pujali		1
44		Rajpur Sonarpur		2
45		Hooghly	Arambagh	1
46			Tarakeswar	1
47			Baidyabati	2
48			Bansberia	2
49			Bhadreswar	2
50			Champdani	2
51			Chandannagore Municipal Corporation	2
52			Hooghly Chinsurah	2
53			Konnagar	1
54			Rishra	2
55			Sreerampore	2
56			Dankuni	2
57		Uttarpara - Kotrung	2	
58		Howrah	Uluberia	2
			Sub-Total	100
59		II	Murshidabad	Berhampore
60	Jiagung-Azimgunj			1
61	Mushidabad			1
62	Kandi			1
63	Jangipur			2
64	Dhuliyān			2
65	Beldanga			1
66	Domkal			1
67	Burdwan			Burdwan
68			Kalna	1

69			Katwa	1
70			Dainhat	1
71			Gushkara	1
72			Memari	1
73			Asansol Municipal Corporation	3
74			Durgapur Municipal Corporation	2
75		Birbhum	Suri	1
76			Rampurhat	1
77			Bolpur	1
78			Dubrajpur	1
79			Sainthia	1
80			Nalhati	1
81		Bankura	Bankura	2
82			Bishnupur	1
83			Sonamukhi	1
84		Purulia	Purulia	2
85			Jhalda	1
86			Raghunathpur	1
87		Paschim Medinipur	Midnapur	2
88			Ghatal	1
89			Chandrakona	1
90			Ramjibanpur	1
91			Kharar	1
92			Khirpai	1
93			Jhargram	1
94			Kharagpur	2
95		Purba Medinipur	Tamluk	1
96			Contai	2
97			Egra	1
98			Haldia	2
99			Panskura	1
		Sub-Total		54

100	III	Darjeeling	Siliguri Municipal Corporation	3
101			Darjeeling	2
102			Kalimpong	2
103			Kurseong	1
104			Mirik NAA	1
105		Coochbehar	Coochbehar	1
106			Dinhata	1
107			Tufanganj	1
108			Mathabhanga	1
109			Mekhligunj	1
110		Haldibari	1	
111		Jalpaiguri	Jalpaiguri	2
112			Mal	1
113			Dhupguri	1
114		Alipurduar	Alipurduar	1
115		Malda	English Bazar	2
116			Old Malda	1
117		Uttar Dinajpur	Raigunj	2
118			Islampur	1
119			Kaliagunj	1
120			Dalkhola	1
121			Balurghat	2
122		Dakhin Dinajpur	Gangarampur	1
123	Buniadpur		1	
		Sub-Total		32
Total				186