From
D. K. Singh, IAS
Principal Secretary to Govt.
Panchayati Raj & DW Dept.

G. Mathi Vathanan, IAS
Principal Secretary to Govt,
H&UD Dept.

To
All Collectors
All Commissioners of the Municipal Corporations
All PD DRDAs/All PD DUDAs/ All APDs (Sanitation)
All BDOs
Executive officers of all Municipalities and NACs

Sub: Fecal Sludge Management (FSM) and Plastic Waste Management (PWM) in Rural areas – Availing treatment & processing facilities of ULBs (FSTPs and MRFs)

Ref: PR&DW Department letter no. 17913 dated 13.11.2020 and letter no. 3654 dated 19.02.2021

Madam/ Sir,

Management of Fecal Sludge and Plastic Waste are key components in Solid and Liquid Waste Management in both rural and urban Odisha. Our State has emerged as a leader in Fecal Sludge Management (FSM) in Urban areas. Fecal Sludge Treatment Plants are functioning in 45 ULBs & are under construction in the remaining ULBs. Similarly Material Recovery Facilities (MRFs) have been set up in all the ULBs of the State to process Plastic Waste. To facilitate efficient FSM and PWM in the rural areas without creating separate facilities & infrastructure which would be unviable due to scale & size, it has been decided to leverage these facilities (FSTP & MRF) in the ULBs to cater to the requirements of rural areas.

1. Fecal Sludge Management (FSM)
   a) Convergence on FSSM has been initiated on pilot basis in Balasore municipality, tagging nearby 90 GPs for availing facilities of fecal sludge management available with the ULB. To facilitate similar convergence across the State, District Collectors are required to tag the Gram Panchayats which are within approximately 20 km distance from ULB and categorize them into three groups of areas falling under 10/15/20 km for the purpose of notifying fixed tariff slabs (user charges).
b) Interested rural households (Households having toilets with single pit /septic tank) may send their septage/ fecal sludge to the FSTPs of the tagged ULB on payment of notified service charges.

c) These Gram Panchayats may be encouraged to utilize the entire value chain of the FSM starting from availing the cesspool vehicles to FSTP of the respective ULBs.

d) The cost of the services shall be fixed by the Collector as below –

### i) For 3 KLD cesspools emptier vehicles

<table>
<thead>
<tr>
<th>Category</th>
<th>One-way distance of GP from the ULB boundary (in km)</th>
<th>Total Distance (in km)</th>
<th>Approximate fuel requirement in litres (@6 kms per Litre)</th>
<th>Fuel Charges (@Rs. 90 per Litre)</th>
<th>Base price for FSSM Cesspool Inside the ULB (in Rs.)</th>
<th>Total Charge (In Rs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>10</td>
<td>20</td>
<td>3</td>
<td>270</td>
<td>X</td>
<td>270 + X</td>
</tr>
<tr>
<td>B</td>
<td>15</td>
<td>30</td>
<td>5</td>
<td>450</td>
<td>X</td>
<td>450 + X</td>
</tr>
<tr>
<td>C</td>
<td>20</td>
<td>40</td>
<td>7</td>
<td>630</td>
<td>X</td>
<td>630 + X</td>
</tr>
</tbody>
</table>

### ii) For 1 KLD cesspools emptier vehicles

<table>
<thead>
<tr>
<th>Category</th>
<th>One-way distance of GP from the ULB boundary (in km)</th>
<th>Total Distance (in km)</th>
<th>Approximate fuel requirement in litres (@8 kms per Litre)</th>
<th>Fuel Charges (@Rs. 90 per Litre)</th>
<th>Base price for FSSM Cesspool inside the ULB (in Rs.)</th>
<th>Total Charge (In Rs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>10</td>
<td>20</td>
<td>2</td>
<td>180</td>
<td>Y</td>
<td>180 + Y</td>
</tr>
<tr>
<td>B</td>
<td>15</td>
<td>30</td>
<td>3</td>
<td>270</td>
<td>Y</td>
<td>270 + Y</td>
</tr>
<tr>
<td>C</td>
<td>20</td>
<td>40</td>
<td>5</td>
<td>450</td>
<td>Y</td>
<td>450 + Y</td>
</tr>
</tbody>
</table>

e) Panchayat wise notification of the charges for availing the cesspool services shall be made.

f) Wider dissemination of availability of services and benefits thereof are to be promoted by PD, DRDA and BDOs through IEC activities.

g) Multiple Households with single pits can call for a single trip of cesspool vehicle, based on actual volume to be excavated. Households in the rural areas will be able to request for desludging services through

- Helpline number or the voice call recording service
- Ama Sahara Mobile APP

h) The mode of payment of User Fee for availing the cesspool vehicle service shall be done using digitized mode (ie. through mobile application) or facilitated using M-POS machine during desludging. The M-POS machine is to be made available in the cesspool vehicle and receipt should be handed over to the beneficiary.
immediately. Prior to actual desludging, the charges should be collected on site compulsorily.

i) Feedback (On the basis of Rating) from the households after cesspool services may be taken through phone call/ App under Mo Sarkar/ 5T.

2. Plastic Waste Management
   a) District shall tag 100% of the GPs to suitable ULBs for transportation of dry segregated waste.
   b) GPs shall be responsible to collect segregated dry waste and transport it to the Material Recovery Facilities of the tagged ULB. The GP shall ensure only dry segregated waste is collected from the households. The frequency of transport shall depend on the volumes to be transported. The GPs can construct interim storage sheds at GP/village level as per requirements.
   c) The disposal of the received dry waste shall be the responsibility of the tagged ULBs.
   d) The ULBs shall dispose-off recyclable dry waste through recyclers and non-recyclable dry waste shall be transported to cement factories for co-processing.
   e) The GPs shall bear the cost of transportation of the segregated dry waste to the MRF concerned.
   f) ULB shall not make any payment on account of the revenue earned by it on processing of the said dry waste nor charge any cost for processing of the dry waste to the GPs.
   g) On delivery at the MRF site, acknowledgement of materials received indicating approximate quantity or volume from the GPs may be done by the ULBs.

As FSM & PWM are activities regulated by the relevant Environment Acts, Rules, Regulations & Orders of Hon’ble NGT and time bound actions are warranted, Collectors are requested to plan, execute and monitor fecal sludge and plastic waste management in rural areas as per above guidelines. The tagging of all GPs for PWM and GPs within 20 kms to FSTPs may be completed by 30.06.2021 and list to be shared with the Government in both the Departments.

Yours faithfully,

G. Mathi Vathanan, IAS
Principal Secretary to Govt,
H&UD Dept.

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CC

1. PS to Additional Secretary to GoI, SBM-G, DDWS for kind information of Additional Secretary