Background Documents dated 25.02.2025 for Development of Waste to Energy Facility in Andhra Pradesh

1. Waste Quantity for Nellore Cluster:

Table 1: Nellore Cluster

Sl. No.	Name of the ULB	Total Garbage lifted per day as per reading in Weighing Machine (Qty. in MT)
1	Nellore	350
2	Kavali	53
3	Atmakuru	20
4	Gudur	40
5	Naidupeta	30
6	Sullurpet	23
7	Alluru	12
8	Buchireddypalem	20
9	Venkatagiri	16
10	Industrial (SEZ)	35
11	Near by villages	5
	Total	**604**

2. Waste characterization for all the clusters:

Refer to http://sac.ap.gov.in/
http://sac.ap.gov.in/sac/UserInterface/Application/Reports/MSWMReports.aspx

3. **Value of lease rental for the proposed location of the WtE Plant**

Cluster Name	Participating ULBs	Proposed WtE Plant location	Basic Value of Land (in INR lakhs / acre)
Nellore	Nellore	Donthali	5,40,000
	Kavali		
	Atmakuru		
	Gudur		
	Naidupeta		
	Sullurpet		
	Alluru		
	Buchireddypalem		
	Venkatagiri		
	Industrial (SEZ)		
	Near by villages		

4. **Status report of Proposed Locations for WtE plant prepared by NREDCAP:**

Lead ULB's	Total MSW Potential (MT)	Proposed site for WtE projects	Distance of Substation from proposed site (km)	Distance of Disposal Location from proposed site (km)	Status of land & water availability at the proposed locations
Nellore	604	Donthali	12	0	Available

Substation Name: 220kV Ambapuram Substation

Disposal Location: Donthali

5. **Computation of C' as per Clause 22 of the RFP**

Cluster No.	Participating ULBs	Normative Capacity (MW)	Normative land requirement (acres)	Basic Value of Land (INR lakhs / acre)	C' [1](INR/kWh)
Cluster Nellore	Nellore	10	9.82	5,40,000	0.01
	Kavali				
	Atmakuru				
	Gudur				
	Naidupeta				
	Sullurpet				
	Alluru				
	Buchireddypalem				
	Venkatagiri				
	Industrial (SEZ)				
	Near by villages				

6. **Refer to G.O. Ms. No. Revenue (Assignment. I) Department dated 14.09.2012 for calculation of the land lease rental.**
7. **Refer to SWM Rules, 2016.**

[1] C' in INR/kWh = 0.001522 * Normative Land requirement in acres * Basic Value of Land (in INR Lakhs/acres)/ Normative Capacity in MW (Refer to Clause 22 of the RFP)