



**Commissioner and Directorate of  
Municipal Administration  
AC Guards, Masab Tank, Lakadikapul, Hyderabad-500004**

**Expression of Interest (Eoi)  
for  
*Expression of Interest for Setting-Up & Operate Facility for  
Collection, Transportation, Processing and Management of  
Construction & Demolition (C&D) waste on DBFOT basis for  
cluster of ULBs in Telangana on PPP basis (Design Build  
Finance Operate and Transfer mode)***

**October, 2020**

## 1 Invitation for Bids

Commissioner and Director of Municipal Administration (CDMA) invites Expression of Interest for Establishment of Construction and Demolition Waste Processing Facility in cluster of ULBs in Telangana. Details of schedule for the bid are given below:-

S.NO.	Activity	Timeline
1.	Download date of EOI documents	14-10-2020
2.	Last date of Clarification	19-10-2020 (till 1700hrs) Through email only: <a href="mailto:cdma@cdma.gov.in">cdma@cdma.gov.in</a>
3.	Last date for submission of response to EOI	28-10-2020 by 1600hrs
4.	Opening of EOI	29-10-2020 at 1100 hrs
5.	Cost of EOI Document (Tender Fee)	Tender Fee Rs 2,000 (Non-Refundable) to be paid through Demand Draft (DD) in favor of the "Commissioner & Director of Municipal Administration" payable in Hyderabad, Telangana
6.	Mode of submission	All documents shall be submitted in hard copies in sealed envelope to the following address Commissioner & Director of Municipal Administration 640, AC Guards, Hyderabad- 500004

RFP document shall be available on website: [www.cdma.telangana.gov.in](http://www.cdma.telangana.gov.in)  
For Queries & Clarifications, send e-mail to: [cdma@cdma.gov.in](mailto:cdma@cdma.gov.in)

SD/-  
Director of Mpl Admin

## **2 Invitation of Expression of Interest**

Commissioner and Director of Municipal Administration, (CDMA) Telangana is the Governing body of all the 139 Urban Local Bodies in the State and oversees the implementation of Solid Waste Management in the ULBs in the Telangana State. In continuation of the above, Expression of Interest (EOI) is here by invited by CDMA from reputed and experienced agency having experience of setting up of Construction and Demolition Waste Processing Facility in Cluster of ULBs in Telangana. Interested bidders can download the documents from the website [www.cdma.telangana.gov.in](http://www.cdma.telangana.gov.in). The EOI is to be submitted in a sealed envelope super-scribed "Expression of Interest for Setting Up & Operate Facility for Collection, Transportation, Processing and Management of Construction & Demolition (C&D) waste on DBFOT basis for cluster of ULBs in Telangana on PPP basis (Design Build Finance Operate and Transfer mode)" addressed to the Director, Commissioner and Director of Municipal Administration, Telangana.

## **3 Instructions to Bidders/ Terms & Conditions**

1. This EOI invitation document is not a Tender or Request for Proposal in any form and would not be binding on CDMA in any manner whatsoever.
2. This EOI is not an agreement and is neither an offer nor invitation by Commissioner and Directorate of Municipal administration, Telangana to the prospective bidders or any other person. The purpose of this EOI is to provide interested parties with information that may be useful to them in making their key submissions, technical and business proposal to this EOI.
3. CDMA intends to select partners to Establish Construction and Demolition Waste Processing Facility in Cluster of ULBs in Telangana.
4. CDMA reserves the right to cancel the EOI invitation as a whole or in part without assigning any reason whatsoever.
5. The Bidders are encouraged to conduct their own independent survey, assessment, analysis and check the reliability, accuracy, feasibility and completeness before submission of their interest/ proposal. CDMA accepts no liability of any nature whether resulting from negligence or otherwise howsoever caused arising from reliance of any bidder upon the statements contained in this EOI
6. CDMA reserves the right to update, amend and supplement the information given in this document at its sole discretion before the last date and time of submission of the interest/proposal.
7. Bidders should submit their response conforming to the instructions
8. Bidders should equip themselves with all the permits, License etc. required for the operation of the Construction and Demolition (C&D) Waste Processing Facility in cluster of ULBs in Telangana.
9. Bidder should adhere to all the safety guidelines and norms in running the Construction and Demolition Waste Processing Facility
10. Bidder should adhere to all safety guidelines and norms while executing the project.
11. The issue of this EOI does not imply that the Authority is bound to select a bidder or to appoint the selected bidder or concessionaire, as the case may be, for the project and the authority reserves the right to reject all or any Bidders or Bids without assigning any reason whatsoever.
12. The bidder shall bear all its costs associated with or relating to the preparation and submission of its Bid including but not limited to preparation, copying, postage, delivery fees, expenses associated with any demonstrations or presentations which may be required by the ULB or any other costs incurred in connection with or relating to its Bid. All such costs and expenses will remain with the Bidder and the ULB shall not be liable in any manner whatsoever for the same or for any other costs or other expenses incurred by a

Bidder in preparation or submission of the Bid, regardless of the conduct or outcome of the Bidding process.

## 4 Eligibility Criteria

Interested and reputed firms with prior experience of carrying out such projects are requested to submit the EOI to undertake the project. For determining the eligibility of Bidders for their technical-qualification hereunder, the following shall apply:

- a. The Bidder may be a single entity or a group of entities (the “Joint Venture”/ “Consortium”), coming together to implement the Project. However, no Bidder applying individually or as a member of a Joint Venture/Consortium, as the case may be, can be a member of another Bidder. The term Bidder used herein would apply to both a single entity and a Joint Venture/Consortium.
- b. A Bidder may be a natural person or a body corporate including but not limited to a company incorporated under the Companies Act, 1956/2013 or a Partnership, Limited Liability Partnership or a Sole Proprietorship registered under the relevant applicable governing law or any combination of them with a Joint Bidding Agreement or under an existing agreement to form a Joint Venture/ Consortium. A Joint Venture/ Consortium shall be eligible for consideration subject to the conditions set out in Clause 2.2.3 below
- c. The Bidder (Single Entity/ any Member of the Consortium or any of its / their Associates) are not barred/ blacklisted by the Central Government/ State Government or any entity controlled by it, from participating in any project (BOT or otherwise), and no bar subsists as on the date of Bid
- d. The eligible projects claiming “the Technical Capacity” should have been executed for any Local Body/ any Government / Semi-Government Organizations / Public Sector Undertakings in India with direct contract with them

### Minimum Eligibility Criteria

To be considered as technically qualified, a Bidder shall fulfill the following criteria:

**A. Technical Capacity:** For demonstrating technical capacity and experience (the “Technical Capacity”), the Bidder shall have to fulfill the following conditions:

- i. Bidder (Sole Bidder/Joint Venture) should have developed, commissioned, operated and maintained (Completed or currently executing) C&D processing Plant/ Recycling plant in last 10 years and those Plants are in operation for last two continuous years as on the date of Submission of Bid. The cumulative capacity of the plant should be 80 TPD, with individual capacity of each plant to be >40TPD;  
OR
- ii. Bidder should have experience in carrying out operation of manufacturing plant of concrete blocks/ curb stones / paving blocks / tiles / bricks using Recycled Aggregate (RA) / Recycled Coarse Aggregate (RCA) /m- sand / clay or Ready Mix Concrete (RMC) plant through processing minimum 50,000 MT in last 5 years from experienced projects.

### B. Financial capacity

The Consortium of bidders shall be required to have cumulative average annual turnover of INR 10 Crores in the preceding 3 (three) financial year from/ the due date of submission of this bid. (FY17-18, FY18-19 and FY 19-20) with positive net worth in all 3 (three) financial year from the due date of submission of this bid.

## 5 Project Background

Telangana is rapidly Urbanizing State and has witnessed an urban growth rate of 22.43% and ULBs increased from 68 to 142 (two ULBs are under process of formation after formation of

State of Telangana). Given the rapid urban sprawl in the State, managing the urban environment and related problem is becoming increasingly complex. ULBs are increasing exponential increase in real estate and construction activities. These activities would contribute to C&D of civil structures and contributing to huge quantities of C&D waste.

Increasing quantity of C&D waste due to increasing infrastructure development has added a new dimension to the solid waste management in the ULBs in Telangana.

139 ULBs in the State of Telangana are grouped into 9 clusters, as provided in the Annexure 1. Quantum of C&D waste generated varies between ULBs and as of present there is no definite mechanism to collect, transport or process the C&D waste generated in the ULBs. Most of the ULBs, use the C&D waste for filling-up low-lying areas. Realising that such a manner for disposal of C&D waste is neither sustainable nor environment friendly, CDMA intends to select a private player on PPP basis for processing and disposal of C&D waste generated in the cluster of ULBs. CDMA has decided to carry out the Expression of Interest (defined hereinafter) for Shortlisting of Agencies.

## **6 Objectives of the project**

The objectives of C&D waste management are to:

- i. Maximize recovery of recyclable C&D material(s);
- ii. Maximize reuse of recovered and recycled material in construction activity;
- iii. Minimize waste quantity that requires landfill disposal;
- iv. Ensure the proper disposal of C&D materials that cannot be recovered;
- v. Increase life of sanitary landfill site(s); and
- vi. Reduce in total costs of C&D waste management

## **7 Scope of Work**

Broad scope of services as part of this tender includes:

### **I. Collection and Transportation of the C&D Waste**

Concessionaire shall be responsible for collection and transportation of C&D waste to the processing facility. He/she shall lift and dispose C&D waste into a tipper truck at various source(s), dumping site(s) within the ULBs allotted as part of the Cluster or will have to plan for prompt lifting of unclaimed C&D waste.

Allotted ULBs shall authorize the Concessionaire for collecting the User fees for the claimed C&D waste, by issuing a Challan to the C&D waste generator. For the unclaimed waste, Concessionaire shall be paid by the ULB as per the agreed per ton tipping fee for C&D waste processing.

### **II. Processing and Disposal of C&D Waste**

The Concessionaire shall set up a C&D waste management facility at designated site in the Lead ULB (or in each ULB in the cluster in decentralized manner) weighbridge etc. on DBFOT basis. The successful Applicant shall be expected to use a combination of technologies that includes crushing, screening, and separation etc. that will maximize waste treatment and would ensure zero landfill of waste. The material which cannot be used as filling material, may be taken over by respective ULBs if required [free of charge], so as to use it as cover material in the landfill site(s). However, if the said material is not required by the ULB the same shall be disposed off by the concessionaire at his/her cost. Concessionaire shall be responsible for:

1. Deployment of adequate manpower, materials, consumables etc. to run the C&D Waste Processing Facility smoothly.
2. Procure necessary permits, licenses from the Govt. of Telangana/ Govt. of India required for running the C&D Waste Processing Facility etc.
3. Ensure the safety and proper custody of the property/ structure/ equipments of the ULB and will pay any loss or damage caused by him/her to the ULB.
4. The bidder will ensure the safety and hazardous damage to environment while conducting the assignment

5. Sub Leasing of the C&D Waste Processing Facility Work after award of work/Agreement will not be permitted.

### **III. Operation and Maintenance of the facility for 10 years**

Concessionaire shall be responsible for O&M of the facility and the associated infrastructure such as tipper trucks, mechanical lifting arrangement to transfer the waste from bin into tipper truck, required infrastructure including treatment units [crushers and separators], Parking facilities, container locations, weigh bridges, hook loaders etc.

## **8 Validity of EOI**

The EOI shall be valid for a period of 180 days. CDMA reserves the right to reject any EOI which does not meet the requirement

## **9 Response to EOI**

As part of the response to the bid, interested bidders shall provide:

### **A. INFORMATION ABOUT THE BIDDER:**

While submitting the Expression of Interest for the Construction and Demolition Waste Processing Facility, the Bidder must submit the following details along with all required documents showing their experience, financial solvency, etc. without which the EOI will not be considered.

#### I. Details about the Bidder

- (a) Name of the Bidder/ Company/Organisation:
- (b) Present address with contact number:
- (c) Key Contact Person (name, designation, address, contact no., mail id)

#### II. Type of the Organization/ Entity (with supporting documents)

III. Registration details of the organization/entity (with supporting documents, registration certificate, etc.)

#### IV. Brief description about the organization/ entity, organization structure and type of business

V. Details of Similar/ Relevant Experience along with supporting certificates/ documents as per requirement of Clause 4. Eligibility Criteria.

#### VI. Approach & Methodology for execution of the assignment

- a) Details of the proposed technology and process flow
- b) Details of time required, and other support required to develop such project
- c) The implementation mechanism and benefits of the technology / project
- d) Recyclable by-products
- e) Sales and disposal methodology
- f) Other details of proposed Plant Technology (including plant location co-ordinates and contact details of reference person). While evaluating the projects submitted by the bidder, we may at its discretion contact the concerned person for seeking further clarification and details

<b>Sl.No.</b>	<b>Required information</b>
1	Area required for the project (in Acre) Total Land Plant footprint.
2	Civil work cost (with details of break up)
3	Machinery cost (with details of break up)
4	Operation & Maintenance cost monthly, Fixed cost (with details of break up) Variable cost per ton (with details of break up) Water requirement (KL / Day)
5	Electricity requirement for power load and unit consumption in kw
6	Construction period (after land handover and excluding monsoon season)
7	100% plant commissioning period (after land handover and including monsoon season)
8	Environmental clearance required for the proposed technology
9	Environment Impact Assessment Study for the proposed technology
10	Give brief description of the technology (it should cover methodology, odour impact, manual / mechanical / semi automatic / fully automatic etc, process flow, final products etc in complete manner)
11	Informations can be submitted as annexures also.
12	Construction and O&M Experience of similar projects, Client certificates (mention the size of project and technology used) for all the past projects need to be attached with this response. Number of project executed In India , Abroad, Number of projects in operation at present In India, and Abroad with complete details.
13	Proposed team members and their experience in similar projects
14	Proposed safeguards for environment and social aspects and their design
15	Scope for future expansion Details ,capacity, time taken, land requirement etc.
16	Type of final product/s and by product/s will be made from such technology and the usages of such products?
17	Proposed methodology for disposing off the post process / inert waste, percentage of input waste,etc
18	Grants / subsidies etc available for such type of projects in India?
19	Final products' quality & its comparison with conventional product of similar type. (Technical & Commercial) .

## **VII. Comments/Suggestions**

### **B. FINANCIAL INFORMATION**

Please provide with details of Annual Turn Over for the last three years, along with necessary supporting documents such as Copy of Financial Statements, duly signed by the authorized signatory, along with the EOI. (Year Annual Turnover : 2017-18; 2018-19; 2019-20)

## 10 Annexure 1

### Cluster – Summary

S.no.	ULB Name	No. of ULBs	Population 2011 Census	Population projection for 2020	Population projection for 2030	Approx. MSW generation per Day in TPD (2020)	Approx. MSW generation per Day in TPD (2030)	C&D generation in TPD (2020)	C&D generation in TPD (2030)
C1	Warangal	7	1025927	1450271	1756048	492	606	85	110
C2	Karimnagar	14	910764	1287476	1559015	418	642	60	87
C3	Suryapet	10	894019	1263803	1477597	528	698	71	95
C4	Nizamabad	8	799551	1130262	1383769	375	523	44	60
C5	Ramagundam	12	703559	994564	1172376	313	423	38	52
C6	Mahabubnagar	14	582633	823622	986026	245	334	31	43
Total		65	4916453	6949998	8334831	2371	3226	329	447

C1 - Warangal									
S.no.	ULB Name	District Name	Population 2011 Census	Population projection for 2020	Population projection for 2030	Approx. MSW generation per Day in TPD (2020)	Approx. MSW generation per Day in TPD (2030)	C&D generation in TPD (2020)	C&D generation in TPD (2030)
1	Bhupalpally	Jayashankar Bhupalpally	59458	84051	102903	23	33	3	4
2	Jangaon	Jangaon	52712	74515	91228	22	31	2	3



C1 - Warangal									
S.no.	ULB Name	District Name	Population 2011 Census	Population projection for 2020	Population projection for 2030	Approx. MSW generation per Day in TPD (2020)	Approx. MSW generation per Day in TPD (2030)	C&D generation in TPD (2020)	C&D generation in TPD (2030)
3	Narsampet	Warangal (Rural)	37071	52404	52404	18	26	3	4
4	Parakala	Warangal (Rural)	24448	34560	34560	13	18	2	2
5	Thorrur	Mahabubabad	19100	27000	33056	7	9	1	1
6	Warangal	Warangal (Urban)	819406	1158329	1418131	404	482	74	96
7	Wardhanna pet	Warangal (Rural)	13732	19412	23766	5	7	0	1
Total			1025927	1450271	1756048	492	606.00	85	110

C2 - Karimnagar									
S.no	ULB Name	District Name	Population 2011 Census	Population projection for 2020	Population projection for 2030	Approx. MSW generation per Day in TPD (2020)	Approx. MSW generation per Day in TPD (2030)	C&D generation in TPD (2020)	C&D generation in TPD (2030)
1	Cherial	Siddipet	18310	25883	31689	6	9	0	1
2	Choppandandi	Karimnagar	16459	23267	28485	6	8	1	1
3	Dubbaka	Siddipet	27500	38875	47594	10	14	1	1

<b>C2 - Karimnagar</b>									
<b>S.no</b>	<b>ULB Name</b>	<b>District Name</b>	<b>Population 2011 Census</b>	<b>Population projection for 2020</b>	<b>Population projection for 2030</b>	<b>Approx. MSW generation per Day in TPD (2020)</b>	<b>Approx. MSW generation per Day in TPD (2030)</b>	<b>C&amp;D generation in TPD (2020)</b>	<b>C&amp;D generation in TPD (2030)</b>
4	Husnabad	Siddipet	22082	31216	38217	9	13	1	2
5	Jagitial	Jagitial	105735	149469	182994	50	72	6	8
6	Jammikunta	Karimnagar	44182	62457	76465	12	17	2	2
7	Kothapally	Karimnagar	11058	15632	19138	4	5	0	0
8	Karimnagar	Karimnagar	293989	415589	508802	160	261	22	33
9	Metpally	Jagitial	54335	76809	76809	33	47	4	6
10	Raikal	Jagitial	15308	21640	26493	5	8	0	1
11	Siddipet	Siddipet	116583	164804	201768	54	90	11	17
12	Sircilla	Rajanna Sircilla	92001	130054	159224	42	60	6	9
13	Huzurabad	Karimnagar	46784	66135	80968	13	18	2	3
14	Vemulawada	Rajanna Sircilla	46438	65646	80369	14	20	3	4
<b>Total</b>			<b>910764</b>	<b>1287476</b>	<b>1559015</b>	<b>418</b>	<b>642</b>	<b>60</b>	<b>87</b>

<b>C3 - Suryapet</b>									
<b>S.no.</b>	<b>ULB Name</b>	<b>District Name</b>	<b>Population 2011 Census</b>	<b>Population projection for 2020</b>	<b>Population projection for 2030</b>	<b>Approx. MSW generation per Day in TPD (2020)</b>	<b>Approx. MSW generation per Day in TPD (2030)</b>	<b>C&amp;D generation in TPD (2020)</b>	<b>C&amp;D generation in TPD (2030)</b>
1	Huzurnagar	Suryapet	35850	50678	50678	22	31	2	3

<b>C3 - Suryapet</b>									
<b>S.no.</b>	<b>ULB Name</b>	<b>District Name</b>	<b>Population 2011 Census</b>	<b>Population projection for 2020</b>	<b>Population projection for 2030</b>	<b>Approx. MSW generation per Day in TPD (2020)</b>	<b>Approx. MSW generation per Day in TPD (2030)</b>	<b>C&amp;D generation in TPD (2020)</b>	<b>C&amp;D generation in TPD (2030)</b>
2	Kodada	Suryapet	75093	106153	106153	41	58	6	9
3	Neredcherla	Suryapet	14853	20996	25706	5	7	0	1
4	Suryapet	Suryapet	129461	183009	224056	73	104	9	12
5	Tirumalagiri	Suryapet	18474	26115	31973	7	9	1	1
6	Chityal	Nalgonda	14986	21185	25936	5	7	0	1
7	Miryalguda	Nalgonda	108781	153775	153775	65	92	9	12
8	Nalgonda	Nalgonda	165328	233711	286130	74	107	11	16
9	Khammam	Khammam	313508	443181	542583	230	274	32	40
10	Maripeda	Mahabubabad	17685	25000	30607	6	9	0	1
Total			894019	1263803	1477597	528	698	71	95

<b>C4 - Nizamabad</b>									
<b>S.no.</b>	<b>ULB Name</b>	<b>District Name</b>	<b>Population 2011 Census</b>	<b>Population projection for 2020</b>	<b>Population projection for 2030</b>	<b>Approx. MSW generation per Day in TPD (2020)</b>	<b>Approx. MSW generation per Day in TPD (2030)</b>	<b>C&amp;D generation in TPD (2020)</b>	<b>C&amp;D generation in TPD (2030)</b>
1	Armoor	Nizamabad	67252	95069	116392	24	34	4	5
2	Banswada	Kamareddy	29927	42305	51794	11	15	1	1
3	Bhainsa	Nirmal	49764	70347	86126	22	31	2	3
4	Bheemgal	Nizamabad	15446	21835	26732	5	8	0	1

<b>C4 - Nizamabad</b>									
<b>S.no.</b>	<b>ULB Name</b>	<b>District Name</b>	<b>Population 2011 Census</b>	<b>Population projection for 2020</b>	<b>Population projection for 2030</b>	<b>Approx. MSW generation per Day in TPD (2020)</b>	<b>Approx. MSW generation per Day in TPD (2030)</b>	<b>C&amp;D generation in TPD (2020)</b>	<b>C&amp;D generation in TPD (2030)</b>
5	Bodhan	Nizamabad	82744	116969	143204	34	48	4	6
6	Kamareddy	Kamareddy	104393	147572	180671	44	63	7	9
7	Nirmal	Nirmal	94944	134215	164318	46	65	4	5
8	Nizamabad	Nizamabad	355081	501950	614532	189	259	22	31
<b>Total</b>			799551	1130262	1383769	375	523.00	44	60

<b>C5 - Ramagundam</b>									
<b>S.no</b>	<b>ULB Name</b>	<b>District Name</b>	<b>Population 2011 Census</b>	<b>Population projection for 2020</b>	<b>Population projection for 2030</b>	<b>Approx. MSW generation per Day in TPD (2020)</b>	<b>Approx. MSW generation per Day in TPD (2030)</b>	<b>C&amp;D generation in TPD (2020)</b>	<b>C&amp;D generation in TPD (2030)</b>
1	Bellampally	Mancherial	55841	78938	78938	30	43	2	3
2	Chennur	Mancherial	23579	33332	40808	8	12	1	1
3	Dharmapuri	Jagitial	15888	22460	27497	6	8	0	1
4	Kagaznagar	Komaram Bheem	57583	81400	99658	21	30	2	3
5	Luxettipet	Mancherial	21629	30575	37433	8	11	1	1
6	Mancherial	Mancherial	86911	122859	122859	47	67	11	15
7	Mandarri	Mancherial	52352	74006	90605	23	33	2	3

<b>C5 - Ramagundam</b>									
<b>S.no</b>	<b>ULB Name</b>	<b>District Name</b>	<b>Population 2011 Census</b>	<b>Population projection for 2020</b>	<b>Population projection for 2030</b>	<b>Approx. MSW generation per Day in TPD (2020)</b>	<b>Approx. MSW generation per Day in TPD (2030)</b>	<b>C&amp;D generation in TPD (2020)</b>	<b>C&amp;D generation in TPD (2030)</b>
8	Manthani	Peddapalli	15981	22591	27658	6	8	1	1
9	Nasipur	Mancherial	73617	104066	127408	26	36	2	3
10	Peddapalli	Peddapalli	50762	71758	87853	16	23	3	4
11	Ramagundam	Peddapalli	229644	324629	397441	115	142	13	16
12	Sulthanabad	Peddapalli	19772	27950	34219	7	10	1	1
<b>Total</b>			<b>703559</b>	<b>994564</b>	<b>1172376</b>	<b>313</b>	<b>423.00</b>	<b>38</b>	<b>52</b>

<b>C6 - Mahabubnagar</b>									
<b>S.no</b>	<b>ULB Name</b>	<b>District Name</b>	<b>Population 2011 Census</b>	<b>Population projection for 2020</b>	<b>Population projection for 2030</b>	<b>Approx. MSW generation per Day in TPD (2020)</b>	<b>Approx. MSW generation per Day in TPD (2030)</b>	<b>C&amp;D generation in TPD (2020)</b>	<b>C&amp;D generation in TPD (2030)</b>
1	Amarchinta	Wanaparthy	11225	15868	19427	4	6	0	0
2	Atmakur	Wanaparthy	15039	21259	26028	5	7	0	1
3	Bhoothpur	Mahabubnagar	12917	18260	22355	5	6	0	0
4	Kalwakurthy	Nagarkurnool	30041	42467	51991	9	13	2	2
5	Kodangal	Vikarabad	14294	20206	24738	5	7	0	1
6	Kosgi	Narayanpet	21318	30136	36895	8	10	1	1

C6 - Mahabubnagar									
S.no	ULB Name	District Name	Population 2011 Census	Population projection for 2020	Population projection for 2030	Approx. MSW generation per Day in TPD (2020)	Approx. MSW generation per Day in TPD (2030)	C&D generation in TPD (2020)	C&D generation in TPD (2030)
7	Kothakota	Wanaparthy	19042	26918	32956	7	9	1	1
8	Mahabubnagar	Mahabubnagar	217143	306958	375806	106	139	15	20
9	Makthal	Narayanpet	22165	31333	38361	8	11	1	1
10	Jadcherla	Mahabubnagar	52128	73689	90217	13	18	1	1
11	Nagarkurnool	Nagarkurnool	36912	52180	63883	14	20	3	4
12	Narayanpet	Narayanpet	41752	59021	72259	18	26	2	3
13	Parigi	Vikarabad	18241	25786	31569	6	9	1	1
14	Wanaparthy	Wanaparthy	70416	99541	99541	37	53	4	6
Total			582633	823622	986026	245	334.00	31	43

Director of Municipal Admn  
Hyderabad