

REQUEST FOR PROPOSAL (RfP)

Vegetable and Fruit Markets Waste Management in Ahmedabad - Location and Quantity Assessment, and Dedicated Route Planning for Waste Collection and Transportation

C40 Cities India Pvt Ltd. 501 and 502, 5th Floor Eros Corporate Tower , New Delhi, Delhi, India - 110019

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1. C40 Cities Climate Leadership Group Inc. ("C40")

C40 is a network of nearly 100 mayors of the world's leading cities, who are working to deliver the urgent action needed right now to confront the climate crisis, and create a future where everyone, everywhere can thrive. Mayors of C40 cities are committed to using a science-based and people-focused approach to help the world limit global heating to 1.5°C and build healthy, equitable and resilient communities. Through a Global Green New Deal, mayors are working alongside a broad coalition of representatives from labour, business, the youth climate movement and civil society to go further and faster than ever before.

The strategic direction of the organisation is determined by an elected Steering Committee of C40 mayors which is co-chaired by Mayor Sadiq Khan of London, United Kingdom, and Mayor Yvonne Aki-Sawyerr of Freetown, Sierra Leone. Three term Mayor of New York City Michael R. Bloomberg serves as President of the C40 Board of Directors, which is responsible for operational oversight. A nine-person management team, led by Executive Director, Mark Watts, leads the day-to-day management of C40. C40's three core strategic funders are Bloomberg Philanthropies, the Children's Investment Fund Foundation (CIFF) and Realdania.

To learn more about the work of C40 and our cities, please visit our <u>Website</u>, or follow us on <u>Twitter, Instagram</u>, <u>Facebook</u> and <u>LinkedIn</u>.

1.1 Transforming Cities Waste Management Program

Inefficiently managed waste is a major source of greenhouse gas (GHG) emissions across the globe. Considering that cities are primarily responsible for managing solid waste, this project aims to support cities in implementing sustainable waste management solutions. This presents a unique opportunity to dramatically reduce and avoid methane emissions while also contributing toward cleaner, healthier, more resilient, and inclusive cities.

This project seeks to support the city of Ahmedabad to accelerate the delivery of the Pathway Towards Zero Waste strategy. Guided by the waste hierarchy, this project is aligned with global good-practice and strategic recommendations made by science, technical, policy and advocacy organisations, prioritising closing collection gaps and developing the alternative treatment infrastructure, given the latest findings on the limited efficacy of landfill gas management systems produced by satellite monitoring.



Supporting cities positioned for action, this programme will build on existing political commitments through a combination of on-the-ground technical assistance, data gathering, capacity building, project development support, and peer-to-peer sharing. Additionally, catalytic capital opportunities will be provided to cities, offering essential tools and data to: a) Empower decision-making, b) Improve waste management operations, and c) Divert food/organic waste from disposal to avoid and reduce methane emissions. These focus areas are selected to provide targeted support required to enable cities to accelerate the delivery of the C40 Pathway's 2030 targets, aligning the ambition and implementation strategy with the Global Methane Pledge Waste.

Programme Targets:

- Providing timely, city-wide waste collection
- Treating at least 30% of organic waste
- Reducing waste disposal emissions by at least 30%

This project would be a modular and scalable phased effort to enable supported cities to contribute towards the Global Methane Pledge goals and significantly reduce their methane emissions by 2030, while laying out a replicable playbook and roadmap to begin phasing out organics disposal and deploy an operational and financing model that can be replicated across the globe.

The programme aims to provide intensive support to strengthen data baseline and its management, build technical and operational capacity amongst stakeholders, and support the implementation of pilot projects and a citywide deployment schedule, achieving highly visible wins, accelerating action and positioning them on the C40 Pathway Towards Zero Waste.

1.2 Background of Solid Waste Management in Ahmedabad

Ahmedabad is the largest city in Gujarat with an expanse of 479 square kilometres. The city has 7 zones and 48 wards which cumulatively manage more than 4,500 Tonnes per day (TPD) of municipal solid waste. There are 9 Refuse Transfer Stations (RTS) in the city with a capacity of about 300-350 TPD each. These RTSs are constructed and operated by the Ahmedabad Municipal Corporation (AMC) . RTS(s) act as intermediary collection centres where waste is aggregated and sorted before further transportation to processing and disposal locations. By centralising waste collection from various wards, RTSs optimise transport efficiency, reducing costs and environmental impact.



In terms of waste processing, the city has already planned for 100% treatment. Majority of the waste collected is routed through the RTS via secondary transportation system for further processing/disposal. There are few waste collection vehicles that directly transport waste to respective treatment facilities. The city administration has specialised waste collection systems for construction and demolition waste, hotel kitchen waste, and biomedical waste from municipal hospitals. This highlights the city's commitment and approach to waste management.

Rationale for the focus on Organic Waste from Vegetable and Fruit Markets Management:

This RFP is categorically focused on waste generated from **Vegetable and Fruit Markets** in the city of Ahmedabad. The city has effectively implemented the principle of diverting clean waste streams directly to processing facilities wherever feasible, as a high-impact and quick-planning strategy. This approach ensures that uncontaminated waste remains separate from other waste streams, preserving the opportunity to treat pure feedstock in the most efficient manner.

For example, Ahmedabad has a dedicated collection system for hotel kitchen waste which is directly transported to a dedicated processing facility. Similarly, waste from places of worship is collected separately and is planned to be diverted to dedicated processing facilities. On similar lines, the city is now in the process of implementing a dedicated collection system for meat-selling markets and shops generating meat waste, and diverting it to a dedicated meat waste processing facility

However, - local vegetable and fruit markets still do not have a dedicated waste management system and continue to dispose of their waste through the city's regular door-to-door collection vehicles. As a result, in those markets, clean organic waste gets mixed with general waste, losing the opportunity to divert it for treatment. Once mixed, the waste becomes contaminated, making sorting and treatment difficult and less effective. This presents an opportunity to establish a dedicated collection and routing plan for organic waste from - vegetable and fruit markets, ensuring its effective diversion and contributing to the larger goal of improving organic waste management, with efficient sorting operations as a co-benefit. To enable this, the first step involves a comprehensive assessment of the number and location of such markets across each ward, along with the quantity of waste generated. This RFP has been designed to facilitate the said assessment.



2. Purpose of RFP

The purpose of this Request for Proposal (RfP) is to solicit proposals for consultancy services from firms or consortiums (individuals are not eligible for this assignment) to identify vegetable and fruit markets in the city, estimate the quantity of waste generated from these markets, and develop a dedicated route plan for its separate collection and transportation.

For the purpose of this assignment, the following **minimum threshold criteria** will be used to identify a place as a vegetable and fruit market:

- i) 10 vegetable and fruit selling vendors (carts, shops, otlas) operating in one location
- ii) 3 adjacent commercial shops selling vegetables and fruits
- iii) supermarkets / malls selling vegetables and fruits (for e.g. reliance fresh, reliance smart, osia hypermart etc.)
- iv) Agriculture Produce Market Committee (APMC) markets selling vegetables and fruits

The Scope of Work involves 2 distinct deliverables as outlined below:

2.1 Scope of Work:

Deliverable A: Geo-location, waste generation estimation and management assessment of - Vegetable and Fruit markets across the city

Activities

- 1. Identification and Geo-tagging of all formal and informal vegetable and fruits markets across the city by conducting on-ground survey
 - Review all waste collection and transportation routes currently operational by Ahmedabad Municipal Corporation (AMC). (The route sheets will be provided to the consultant upon on-boarding)

Identify waste collection points (called Point of Interest (Pol) in the route plans that indicate presence of such vegetable and fruit markets.

In addition, a list of vegetable and fruit markets identified by the AMC will also be provided as one of the reference sources. This list includes approximately 136 local markets and does not include supermarkets.

The consultant also needs to leverage insights from publicly available datapoints like Google Maps, especially for identifying vegetable and fruit selling supermarkets / malls.

Note: These available information from AMC and public domain shall only be used as initial reference sources to start with. There might be additional markets which are not captured in these already available sources but would need to be assessed under this study.

- Conduct a comprehensive reconnaissance survey in all wards of the city to identify such markets
- In addition, hold consultations with the ward level officials to gather insights about the presence of such markets in each ward.
- Based on the cumulative understanding from above activities, develop a plan for geo-tagging all such markets and for assessing the quantity of waste produced at these markets.
- Develop a data collection form for recording details during ground-level survey:
 - a) total number of vendors in the market etc.
 - b) type of vendor (shop / cart / otlas / supermarkets/ malls)
 - c) assumed waste generation quantities
 - d) address and geo location
 - e) current disposal practice and approximate time of disposal
 - f) vendor's preferred time for disposal (once or twice a day)
- Identify challenges faced by vendors in waste disposal, collect feedback on AMC's proposed initiatives, and note any other service-related requests from vendors
- Use digital tools (such as dedicated software or a mobile application) for the ground-level survey to ensure effective and accurate data recording and analysis
- Approval of AMC and C40 on the plan and survey form developed
- o Deploy enough staff for on-ground geo-tagging exercise

	covering all markets across the city as per the approved plan2. Assessment of the total waste produced from identified markets across the city	
	 Utilize insights from the previous survey, including the location of markets and waste generation patterns (by ward or neighborhood), to develop a plan for on-ground weighing of waste generated from all identified markets 	
	The plan to be finalised in consultation with city officials and the C40 team.	
	 Weighing to be done before the waste is disposed of in the waste collecting vehicle 	
	 Record all weighment data digitally for each identified market using the same platform employed for the geo-tagging survey. 	
	 Necessary tools/equipment for this activity are to be managed by the consultant. 	
	 In addition to the markets identified through the survey under this assignment, consult the Agricultural Produce Market Committee (APMC) market offices to document the quantity of waste generated from these markets. 	
	These APMC markets are to be considered for the route planning to be done under Deliverable B; however, on-ground waste weighing is not required for these markets	
	 This activity would require that the consultant deploys enough field staff to conduct the weighment of waste produced at each of the identified and geotagged markets 	
Outcome	 Report with detailed information captured on: 1. Number of total markets identified, including number of vendors in each market 2. geo-location (lat,long) of all identified markets 3. actual waste quantity produced at these markets 4. current handling & disposal practices 5. vendor's preferred time of waste disposal Interactive maps showcasing above details Data collated and analysed in MS Excel 	
Deadline	22nd September 2025	



• Additionally, the city and C40 will provide support in facilitating meetings with SWM Department AMC officials to leverage their local knowledge and achieve this deliverable.

Note: Identifying markets and estimating the actual waste generated from them is one of the key tasks to be undertaken as part of this study. The consultant must have adequate human resource capacity to carry out the ground-level survey and should have necessary arrangements in place prior to onboarding for this assignment.

Considering the nature and intensity of the ground work involved, it is essential that the human resources deployed for identifying vegetable and fruit markets and for weighing waste must be familiar with the city and fluent in the local language (Gujarati). Therefore, this ground team may need to be engaged through locally based organizations, NGOs, SHGs, etc. The team must also be equipped with the necessary tools and transportation for on-ground exercises.

Deliverable B: Development of a dedicated waste collection and transportation route plan for waste generated from vegetable and fruit markets

Activities

1. Developing an optimal Waste Collection and Transportation plan for the vegetable and fruits markets waste

- Start point and end point for route planning will be provided by the city at this stage
- Adopt the most cost-effective and time-efficient approach for route planning by leveraging GIS tools
- The detailed plan shall cover information such as vehicle requirements in terms of number, capacity and type, the number of trips to be made, and shift planning
- The plan shall also explore the possibility of leveraging existing waste collection routes and vehicles for optimal utilization of existing resources
- Cost and Resource Estimates: Detailed cost estimates for implementing the collection and transportation plan thus developed; including vehicle procurement (if required), fuel consumption, human resource requirement etc.
- Providing necessary supporting guidance to the SWM department, enabling execution of the plan developed. This



	may include guidance to the city in designing/planning a source segregation programme for vendors	
Outcome	 A comprehensive waste collection and transportation plan specifically catering to the waste generated from all vegetable and fruit markets in the city of Ahmedabad, along with a strategy for its execution 	
Deadline	20th November 2025	

All reports developed under this project must be professionally formatted and designed, and must undergo thorough review by a qualified copy editor to ensure clarity, consistency, and adherence to high-quality, publishable standards. The reports may undergo multiple iterations till an acceptable quality is achieved. At all times, reports submitted to C40 shall be reviewed and approved by the Team Leader prior to submission to ensure they meet the required level of quality.

2.2 Study process

This work will be anchored by the **C40 Cities in partnership with the Ahmedabad Municipal Corporation (AMC).** The process of conducting the study needs to be participatory and shall involve engagement with relevant stakeholders at various levels. This will include close engagement with officials of the AMC, various concessionnaires appointed by AMC, NGOs/CSOs working in the SWM sector, and team members of C40 Cities.

The assignment will kick off in **August 2025**. Detailed project timelines are given under section 4 in this RFP. The appointed consultant needs to optimally plan for managing resources, budgeting expenses, and ensuring timely report delivery.

Each report / findings will be presented to the C40 and city officials, and their comments must be addressed by the consultant. The revised version, incorporating their feedback, will then be considered the final approved deliverable for payment.

The bidders should suggest their initial proposal for the scope of work, timeline and key deliverables based on the Scope of Work described in this RfP. This response will constitute the standard for what C40 can expect to find in the detailed project plan in terms of resources, breadth of scope and timeline.

2.3 Meetings

The consultant's team needs to be available for the meetings (physical and virtual) as and when required:

Kick-off meeting with C40 project team and concerned AMC officials and



- other concessionaires if required.
- Weekly project update meetings. In the case of a physical meeting, the consultant needs to arrange the same.
- Other meetings as necessary for the study
- Project close-out meeting, with presentation on the final findings

No direct interactions with the Ahmedabad Municipal Corporation (AMC) shall be conducted without the prior knowledge and involvement of C40 staff. All engagements must be coordinated in consultation with C40 staff.

3. Proposal Guidelines

This Request for Proposal represents the requirements for an open and competitive process. Proposals will be accepted until **6 pm IST, 21st July 2025.** Any proposals received after this date and time will not be accepted. All proposals should include clear timetables, how you will work with C40, clear costs and detail on experience in this area.

The proposal should give C40 evaluators all the information they need to assess your bid. Please clearly indicate where applicable:

- Relevant information about the service provider and contact details
- A timeline, indicating the different stages, milestones, proposed work plan to deliver the outline objectives and with adequate C40 review periods and stakeholder consultations should be included.
- An overview of expertise and experience on the topic of waste management including references to previous work on implementation of SWM related projects in India, especially Ahmedabad or Gujarat would be preferable.
- The firm/consortium will require an onground team/office in Ahmedabad
- Details of the organisation and proposed project team please include relevant experience and expertise and limit CVs to two pages per person; clearly indicate the project lead, the role of each team member and whether the person will be stationed in Ahmedabad.
- Please refer section 3.1 for the requirements regarding the project team
- Work approach and coordination with C40, specifying required input and resources
- Clear cost break-down structure and explanation of expenses please see Section 6 "Project budget" for more details.
- Any risks and assumptions made in planning this work where risks are identified, appropriate alternatives and mitigation strategies should be



outlined.

- At least two recent references with phone and email contact details.
- Confirmation of adherence to C40's terms and conditions.
- Any additional deliverables and/ or information relevant to this tender

All documentation should be provided in an editable and portable document format, compatible with computer software used by C40 and C40 cities. Editing, formatting, and presentation of electronic files should be of a consistent, professional, and publishable standard.

<u>Please note</u>: Proposals should be written in English, saved in pdf format and should not exceed 10 pages of text. Reference material may be placed in annexes. Individual CVs should not exceed 2 pages.

Contract terms and conditions will be negotiated upon the selection of the winning bidder for this RfP. All contractual terms and conditions will be subject to review by C40's legal department and will include scope, budget, schedule and other necessary items pertaining to the project.

You must include adequate information about how your costs were calculated to enable evaluation of cost reasonableness. The costs must be provided in USD.

C40 may choose to conduct proposal discussion calls with shortlisted consultants to ask more detailed questions about the proposed approach, expertise, and to clarify any remaining questions.

Supplier Diversity

C40 is committed to supplier diversity and inclusive procurement through promoting equity, diversity and inclusivity in our supplier base. We believe that by procuring a diverse range of suppliers, we get a wider range of experiences and thoughts from suppliers and thus are best able to deliver to the whole range of our diverse cities and the contexts that they operate within.

We strongly encourage suppliers (individuals and corporations) that are diverse in terms of size, age, nationality, gender identity, sexual orientation, majority owned and controlled by a minority group, physical or mental ability, ethnicity and perspective to put forward a proposal to work with us.

Feel welcome to refer to <u>C40's Equity</u>, <u>Diversity and Inclusion Statement</u> as supplier diversity and inclusive procurement is one element of applying equity, diversity and inclusion to help the world limit global heating to 1.5°C and build healthy, equitable and resilient communities.

Contract



Please note this is a contract for professional services and not a grant opportunity. Organisations unable to accept contracts for professional services should not submit bids. The work will be completed on the **C40 Standard Services Contract**.

These terms and conditions are non-negotiable. Organisations unable to accept them as drafted should not submit bids in connection with this opportunity.

If C40 are unable to execute a contract with the winner of this competitive process, we reserve the right to award the contract to the second highest Potential Supplier

Subcontracting

If the organisation submitting a proposal needs to subcontract any work to meet the requirements of the proposal, this must be clearly stated. All costs included in proposals must be all-inclusive of any outsourced or contracted work. Any proposals which call for outsourcing or contracting work must include a name and description of the organisations being contracted.

3.1 Project Management Team Structure:

- 1) Team Leader with 10+ years of experience
- 2) Project Manager with 7+ years experience
- 3) 2 Assistant Project Manager with 3+ years experience
- 4) Necessary Staff for onground work (Skilled and Unskilled) under Deliverable A
 - Ahmedabad based with fluency in local language (Gujarati) is a must
 - Ground team must be led by supervisors reporting to Assistant Project Manager / Project Manager

Note: Except team leader, the rest of the team members must be based in Ahmedabad during the entire period of this study

4. RfP and Project Timeline

RfP Timeline:

RFP Timeline	Due Date
Request for Proposals published by C40	30th June 2025
Pre-bid queries submission	7th July 2025

(Read section 8 below for more details)	
Deadline for Proposal submission	21st July 2025
Evaluation of Proposals	22nd July- 1st Aug 2025
Discussion calls with shortlisted consultants & notify outcome / result to all potential suppliers	04th Aug 2025

Project delivery timelines

Project Timeline	Due Date
Kick off meeting with C40 and sharing of necessary data with consultant and clarification on queries if any	Aug 2025
Presentation of detailed plan by consultant for Deliverable A	8th August
Draft Report Deliverable A (Geo-location, waste generation estimation and management assessment of - Vegetable and Fruit markets across the city)	15th Sep 2025
Final Report Deliverable A	22nd Sep 2025
Presentation and Draft report submission for Deliverable B (Development of a dedicated waste collection and transportation route plan for waste generated from vegetable and fruit markets)	30th Oct 2025
Final Report Deliverable B	20th Nov 2025

^{*}Please note this schedule might change while finalising the contract



5. Proposal Evaluation Criteria

Submissions will be evaluated against the following criteria:

Evaluation criteria	Percentage
Robustness of the project delivery proposal: The project delivery approach proposed, including project management approachability to deliver quality outputs on time.	35%
Deliverable A is a crucial milestone, and the most efficient approach to achieving the most accurate possible assessment of vegetable and fruit markets and the quantity of waste produced at these markets will be given the priority.	
Technical Expertise: The bidder's expertise and experience in similar projects including, conducting city-wide ground-level assessments with geo-location tagging, planning waste collection and transportation systems, and particularly their experience working in the focal geography. Demonstrated past and ongoing work, as well as methods that can be applied to this project, will be considered an advantage.	35%
Value for money: • Economy: Assessment of the cost efficiency & budget consciousness of the proposals - Consideration of whether the proposal costs align with the expected outcomes & deliverables • Efficiency: Examination of proposed project management approach, resource allocation, and timelines • Effectiveness: Assessment of appropriateness and viability of chosen methods and tools to achieve the objectives	20%
Equity and ethical alignment considerations: The successful consultant should demonstrate commitment to being ethical, equitable, diverse	10%

Evaluation criteria	Percentage
and inclusive. This should be depicted not only in the team member constitution but also in the manner of executing past works.	

6. Project Budget

The proposal should indicate a cost break-down structure, outlining the costs for each component. All costs included in the proposal must be all-inclusive, including any VAT/GST, copyright or bank fees, transportation, venue charges, tools & equipment if any, translation etc. Costs should be stated as one-time or recurring costs. C40 does not pay contractors more frequently than once per month.

A budget of **USD 30,000** is available including all taxes and other 'hidden' costs. Bids must not exceed this value. All types of costs to be included in all expenses, and identify what support they need from the city.

All costs incurred in connection with the submission of this RfP are non-refundable by C40.

6.1 Payment Terms

Component & Activity	Payment
Upon approval of strategy developed for Deliverable A	20%
Approved Deliverable A Final Report	35%
Presentation and Draft report submission for Deliverable B	25%
Approved Deliverable B Final Report	20%

^{*}Please note this schedule might change while finalising the contract.

7. C40 Policies



C40 expects third parties to able to abide by these C40 policies

- Non-Staff Code of Conduct Policy <u>here</u>
- Equity, Diversity and Inclusion Policy here

8. Submissions

Each Potential Supplier must submit 1 copy of their proposal to the email addresses below by 6:00 PM IST on or before 21st July 2025.

Dhiraj Santdasani, Technical Adviser, Waste and Methane dsantdasani@c40.org

CC: Shivani Bhatt, Senior Manager, Waste and Methane, Ahmedabad. sbhatt@c40.org

Any pre-bid queries must be submitted to the above email address until 6:00 PM IST on 7th July 2025.

C40 Cities will make every possible effort to provide anonymized responses to the questions received within 5 days of receiving the question(s).

Anonymised responses to questions will be provided here (link)

Based on the submissions received, C40 reserves the right to promote the establishment of consortium relationships or request potential suppliers refine their submission after receipt.

9. Terms and Conditions

C40 Cities Climate Leadership Group reserves the right to change or cancel the above requirements at any time, without incurring any liability towards any interested party and/or any obligation to inform any interested party of the grounds for its action. All costs incurred in connection with the submission of this RFP are non-refundable by C40 Cities Climate Leadership Group.

Confidentiality and Non-Disclosure:

All data shared during the course of this project will be considered confidential and proprietary information. The appointed consultant and its representatives shall not disclose, publish, quote, or use any of the provided data for any purpose other than this study and for the explicit consumption of C40 and Ahmedabad Municipal Corporation. This obligation of confidentiality extends to all individuals involved in the project and shall remain in effect both during and after the



completion of the project. Any breach of this confidentiality clause may result in legal action and the termination of the agreement.

Disclaimer

C40 will not accept any liability or be responsible for any costs incurred by Potential Suppliers in preparing a response for this RFP. Responses submitted will be accessible by all C40 staff and external evaluators (if any).

Neither the issue of the RFP, nor any of the information presented in it, should be regarded as a commitment or representation on the part of C40 (or any of its partners) to enter into a contractual arrangement. Nothing in this RFP should be interpreted as a commitment by C40 to award a contract to a Potential Supplier as a result of this procurement, nor to accept the lowest price or any tender.