

SOUTH DELHI MUNICIPAL CORPORATION

Request for Proposal (RFP) for Appointment of Consultant to Carry Out Consultancy Services for Establishment of Plastic Waste, and E-Waste Management System in South Delhi Municipal Corporation

Office Address:
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NO: SDMC(DEMS)CD/2017-18/15

Dated 24.04.2017

NOTICE INVITING TENDERS

Executive Engineer-DEMS-Store, SDMC on behalf of the Commissioner, SDMC invites tenders on Double Bid system, from agencies empanelled for providing support to the cities/towns for Solid Waste Management issued by Government of India, Ministry of Urban Development (PHE Section), Nirman Bhawan, New Delhi vide Q-11011/1/2013-PHE dated 7.8.2013. The agencies who meet the technical and financial criteria as contained in the RFP document shall be eligible to apply for the aforesaid work on SDMC website as manual submission of bids for the following work:

Name of Work
Appointment of Consultant to Carry Out Consultancy Services for Establishment of Plastic Waste and E-Waste Management System in South Delhi Municipal Corporation

The eligibility Criteria

The agencies empanelled for providing support to the cities/towns for Solid Waste Management issued by the Government of India, Ministry of Development (PHE Section) Nirman Bhawan, New Delhi vide no. Q-11011/1/2013-PHE dated 7.8.2013 meeting following qualification criteria shall be eligible to apply.

1. TECHNICAL QUALIFICATION CRITERIA

- a. *The Consultant should have successfully completed feasibility report / detailed project report of at least one Plastic/E-waste management systems waste management projects in India including preparation of Concession/Contract Bidding Documents during last seven financial years ending 31st March 2017.*
The bidder shall submit the list of projects executed by them meeting this criterion along with satisfactory performance certificate from their clients with their application.
- b. *Consultant should have an office in Delhi NCR region.*
- c. *Consultant should have 5 years or more experience of working in waste management sector.*
The bidder shall submit proof of being in operation for more than 7 years with their application.

2. FINANCIAL QUALIFICATION CRITERIA-

- a. Consultant should have an average annual turnover of Rs. 5 Crore or more during the last three financial years, i.e. 2013-14, 2014-15 and 2015-16.
 - b. Consultant should be registered in India possessing good conduct & market record and must not be debarred / blacklisted by any Government agency.
Every Bidder shall give an affidavit with its Proposal to this effect, clearly mentioning that he has not been blacklisted or debarred.
 - c. Consortium and Joint Ventures are not allowed.
3. Cost of Bid document (Non-Refundable): Rs. 1000/-.

The tender document/ RFP can be downloaded from SDMC s Web site <http://www.mcdonline.gov.in>.
The bidders need to pay the cost of document along with application in the above manner and such demand

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draft (for cost of document) must be prepared and submitted along with the bid. **Downloaded version of the document, if not accompanied with the Demand Draft (as document fees) will be rejected.**

The amendments/ clarifications, if any, to the document will also be available on the above website only. The last date of submission of the bid document is **18.05.2017** till **15:00** Hrs (IST). The technical bids would be opened on **18.05.2017** at **15:30**Hrs (IST) in the office of **Superintendent Engineer- DEMS, South Delhi Municipal Corporation, 2nd Floor, E-1 Block, Civic Centre, JLN Marg, New Delhi-110002** in presence of the participating bidders, if any.

EXECUTIVE ENGINEER-DEMS-Store
South Delhi Municipal Corporation



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DISCLAIMER

The information contained in this Request for Proposal document (the **RFP**) or subsequently provided to Applicant(s), whether verbally or in documentary or any other form, by or on behalf of SDMC or any of their employees or advisors, is provided to Applicant(s) on the terms and conditions set out in this RFP and such other terms and conditions subject to which such information is provided.

This RFP is not an agreement and is neither an offer nor invitation by the Authority to the prospective Applicants or any other person. The purpose of this RFP is to provide interested parties with information that may be useful to them in the formulation of their application for Proposal pursuant to this RFP (the **Application**). This RFP includes statements, which reflect various assumptions and assessments arrived at by SDMC in relation to the Project. Such assumptions, assessments and statements do not purport to contain all the information that each Applicant may require. This RFP may not be appropriate for all persons, and it is not possible for *SDMC, its employees or advisors to consider the investment objectives, financial situation and particular needs of each party who reads or uses this RFP*. The assumptions, assessments, statements and information contained in this RFP may not be complete, accurate, adequate or correct. Each Applicant should therefore, conduct its own investigations and analysis and should check the accuracy, adequacy, correctness, reliability and completeness of the assumptions, assessments, statements and information contained in this RFP and obtain independent advice from appropriate sources. Information provided in this RFP to the Applicant(s) is on a wide range of matters, some of which depends upon interpretation of law. The information given is not an exhaustive account of statutory requirements and should not be regarded as a complete or authoritative statement of law. SDMC accepts no responsibility for the accuracy or otherwise for any interpretation or opinion on law expressed herein.

SDMC, its employees and advisors make no representation or warranty and shall have no liability to any person, including any Applicant or Bidder, under any law, statute, rules or regulations or tort, principles of restitution or unjust enrichment or otherwise for any loss, damages, cost or expense which may arise from or be incurred or suffered on account of anything contained in this RFP or otherwise, including the accuracy, adequacy, correctness, completeness or reliability of the RFP and any assessment, assumption, statement or information contained therein or deemed to form part of this RFP or arising in any way with pre-Proposal of Applicants for participation in the Bidding Process.

SDMC also accepts no liability of any nature whether resulting from negligence or otherwise howsoever caused arising from reliance of any Applicant upon the statements contained in this RFP.

SDMC may, in its absolute discretion but without being under any obligation to do so, update, amend or supplement the information, assessment or assumptions contained in this RFP.

The issue of this RFP does not imply that SDMC is bound to select or to appoint the selected Bidder or Contractor, as the case may be, for the Project and SDMC reserves the right to reject all or any of the Applications or Bids without assigning any reasons whatsoever.

The Applicant shall bear all its costs associated with or relating to the preparation and submission of its Application including but not limited to preparation, copying, postage, delivery fees, expenses associated with any demonstrations or presentations which may be required by the Authority or any other costs incurred in connection with or relating to its Application. All such costs and expenses will remain with the Applicant and SDMC shall not be liable in any manner whatsoever for the same or for any other costs or other expenses incurred by an Applicant in preparation or submission of the Application, regardless of the conduct or outcome of the Bidding Process.



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1. INFORMATION TO BIDDERS
1.1 DEFINITIONS

"**Applicant/Bidder**" means a reputed national firms/Agency/Company/Organization(s) or individuals having the requisite experience who has downloaded the RFP document from the website of SDMC and applied for the same.

"**Application**" means the completed RFP submitted by an Applicant interested in the Project in the prescribed format.

E-Waste : As defined in E-waste (Management and Handling Rules) 2016.

"**SDMC** means SOUTH DELHI MUNICIPAL CORPORATION

Plastic Waste : As defined in Plastic waste (Management and Handling Rules) 2016.

"**PPP**" means Public- Private Partnership

"**RFP**" means Request for Proposal.

"**LOA**" means Letter of Acceptance

"**Consultant**" means the individual/firm/Agency/Company selected from the applicants and appointed to handle the consultancy assignment.

POA means Power of Attorney.

2 INTRODUCTION

2.1 It is one of the statutory functions of any Municipal body to keep its city clean. South Delhi Municipal Corporation (SDMC) comprises of four Zones namely, Central Zone, South Zone, West Zone and Najafgarh Zone. It has a fairly efficient system of collection of Municipal Waste generated as a result of human activities. This waste mostly comprises of waste from households/commercial establishments/hotels and waste generated as a result of sweeping of roads and public places.

2.2 The South Delhi Municipal Corporation has a total area of 656.91 sq. kms having population approximately 64.15 lacs within its territorial jurisdiction. The SDMC collects transports and disposes all Municipal Solid Waste (MSW), Debris/Construction and Demolition (C&D) Waste/Malba and of all the colonies falling under its jurisdiction including unauthorized colonies / slum areas / regularized colonies etc.

2.3 At present about 3500 MT of MSW is collected daily from 1157 Nos. of Receptacles (Dhalaos/Dustbins/Open site) constructed at different places in all four zones of SDMC. This waste generated by the citizens is deposited in the receptacles either by the citizens themselves or through private persons and the same is taken to Sanitary Land Fill site at

Okhla, ~~Waste to Energy Plant Okhla, Compost Plant Okhla and Sanitary Land Fill site~~ Bhalswa (North DMC) for processing/disposal.

2.4 SDMC has outsourced through concessionaires the work of collection, segregation & transportation of Municipal Solid Waste in Central Zone, South Zone and West Zone.

2.5 SDMC is carrying out the work of collection, segregation & transportation of Municipal Solid Waste in Najafgarh Zone by departmental labour /Machineries.

2.6 SDMC has a land at Location-A Sector-29Dwarka, having area about 2.0 acres. This land may be used if required for aforesaid projects.

3. PLASTIC WASTEMANAGEMENT



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3.1 Plastic waste generated from various production processes have to be managed scientifically as per the requirements of Plastic Waste (Management & Handling) Rules, 2016 notified by the Ministry of Environment & Forest, Government of India.

3.2 According to the present scenario about 150 MT per day of plastic waste is mixed with along with Municipal Solid Waste in all four zones of South Delhi Municipal Corporation.

3.3 The Hon ble National Green Tribunal, Bench New Delhi vide its order dated 24.2.2015 in the matter of Satish Kumar V/s. Union of India &Ors. And Mahavir Singh V/s. Union of India &Ors. O.A. No. 56 (THC) 2013 and O.A. No. 57 (THC) 2013 has directed are as under:-

- i. All the Municipal Authorities within the meaning of Rules 3 (j) of the Plastic Waste (Management and Handling) Rules 2016, shall strictly enforce the provisions of the said rules relating to use, collection, segregation, transportation and disposal of plastic waste, and for such purposes shall (i) set up, operationalise and coordinate the waste management systems within their limits (ii) work out and set up systems for the use of plastic waste in road construction and/or in co-incineration plans for generation of energy in accordance with law and lastly (iii) incorporate necessary provisions in their bylaws for enforcement of the said rules

4. E-WASTE MANAGEMENT

4.1 As per the E-Waste (Management and Handling) Rules 2016, it is the duty of South Delhi Municipal Corporation that:

- i. To ensure that e-Waste if found to be mixed with Municipal Solid Waste is properly segregated, collected and is channelized to either authorized collection centre or dismantler or recycler.
- ii. To ensure that e-Waste pertaining to orphan products is collected and channelized to either authorized collection centre or dismantler or recycler.

4.2. The Hon ble High Court of Delhi vide its order dated 30.1.2015 in the matter of Rashid Ali &Ors. V/s. Commissioner of Police &Anr. WPC No. 488 of 2012 & CM 3384 of 2013 has directed that an Institutional Regulatory Mechanism is to be evolved for long term solution for the management of Battery Waste, E-Waste and other Hazardous Waste. Delhi Pollution Control Committee and Land owning Agencies i.e. concerned Municipal Corporations, DDA etc. will take all effective measures and actions in their areas i.e. in Industrial areas by DPCC and in non-conforming/residential areas by concerned Land owning Agencies.

5. IMPLEMENTATION

In view of above, South Delhi Municipal Corporation (SDMC) is desirous of implementation of the Plastic Waste and E-waste (Management & Handling) Rules 2016 within their municipal limits.

6. OBJECTIVES:

6.1 SDMC Plans to implement a comprehensive Plastic Waste and E-Waste management strategy for the SDMC area which will be based on the 3R approach that focuses on reducing, reusing and recycling of generated plastic wastes. The project should be in compliance to the Plastic Waste (Management & Handling) Rules, 2016 and E-Waste (Management & Handling) Rules, 2016 notified by the Ministry of Environment & Forest, Government of India respectively.

6.2 The proposed project aims at creating a comprehensive strategy to serve the collection, storage, segregation recycling, transportation, treatment and ultimate disposal of Plastic Waste and E-Waste arising from the SDMC area.



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7. SCOPE OF WORK:

The scope of work for the consultants to be appointed for the project includes the following:

- 7.1 Identify possible plastic and e-waste generated by various sources in jurisdiction of South Delhi Municipal Corporation and quantification based on available information with DPCC, CPCB, secondary sources, and discussion with concessionaire, recyclers and others involved in the process.
- 7.2 Identification of stakeholder & establish Plastic and E-waste trade chain which include list of bulk generators, authorized collectors, recyclers, collection centers, dismantlers of electrical / electronic equipment, processors /recyclers of plastic and e-Waste. The study should also include details on major NGOs working in the sector and a broad estimate on rag picker and informal waste collectors.
- 7.3 Analysis of existing Plastic and E-waste collection, storage, segregation, transportation, recycling and disposal system which includes list of facilities and methods that are being employed to collect, dismantle and recycling of the e-waste and plastic waste.
- 7.4 Identification of various options to maximize collection of plastic waste from generators in the areas where door to door collection is being done by concessionaire , slum areas and other areas
- 7.5 Conducting detailed feasibility with options for development of plastic and e waste collection, storage, recycling / reutilization and disposal along with preliminary designs, cost estimates and revenue estimates from the project.
- 7.6 Formulation of a detailed implementation plan for the project with institutional framework, staffing requirement, recommend levels and skills of staffing, procurement plan etc
- 7.7 Outline in detail the various approvals and clearances that might be required for the Project, and the entity that needs to take these approvals. These include, inter-alia, approvals related to land, related to environment, etc.
- 7.8 Suggest eco-friendly recycling, treatment and disposal options for e-waste and plastic waste. The assessment should also include the options for recycling of the various categories of e-waste and plastic waste using the information from secondary sources.
- 7.9 Structuring of the project with appropriate bid parameter, technical and financial evaluation criteria, payment mechanism for developing the project on PPP basic
- 7.10 Development of a detailed tender document to invite private parties as per the approved project structure. The tender will include the pre-qualification bidding documents, performance obligations, technical specifications, inspection requirements, and monitoring framework, etc.
- 7.11 Assist SDMC in organizing a Pre-bid meeting to respond to the queries on the tender documents.
- 7.12 Assist in finalization and issue of the final bid documents (RFP) and in soliciting proposals from bidders.
- 7.13 Assist in evaluating bid proposals received from prospective bidders and short listing the bidders.
- 7.14 The proposal of the consultants shall comply with the Plastic Waste (Management and Handling) Rules 2016 and e-Waste (Management and Handling) Rules 2016.
- 7.15 Bidder/Consultant will arrange presentation on the project from time to time as and when required by the SDMC.



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8. QUALIFYING CRITERIA

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- b. Consultant should have an office in Delhi NCR region.
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8.2 FINANCIAL QUALIFICATION CRITERIA


- a. Consultant should have an average annual turnover of Rs. 5 Crore or more during the last three financial years, i.e. 2013-14, 2014-15 and 2015-16.
The application must be accompanied by the audited Balance Sheet for the preceding three financial years by the approved Chartered Accountant/Firm of the applicant.
In case the annual accounts of the latest financial year are not audited and therefore the applicant shall give an undertaking to that effect and the statutory auditor shall certify the same. In such a case, the applicant may provide the un-audited Annual Accounts (with Schedules) for the latest financial year.
- b. In case the applicant fails to provide such Audited Financial Statements and certificate from statutory auditor specified herein above, the bid will be rejected treating it as non-responsive.
Consultant should be registered in India possessing good conduct & market record and must not be debarred / blacklisted by any Government agency.
Every Bidder shall give an affidavit with its Proposal to this effect, clearly mentioning that he has not been blacklisted or debarred. If it comes to the knowledge of the NDMC that a false affidavit has been submitted, the Bidder will be barred or blacklisted and action will be initiated as per the law and provisions of the RFP/ RFQ/ Agreement. In addition to this the SDMC will also lodge a police complaint for initiation of criminal action against the defaulter.
- c. Consortium and Joint Ventures **are not allowed.**

8.3 TEAM COMPOSITION

The consultants are expected to include an inter-disciplinary team that will be selected based on its experience and capacity in carrying out this type of work. Its knowledge of, and experience in Waste Management sector and in the field of Private Sector Participation for infrastructure sector in India will be particularly important.

Key Position	Area of Specific Expertise Desired	Minimum Qualification required and Professional Experience Desired
Team Leader	Waste management, Waste characterization, Design of	<ul style="list-style-type: none">• At least 12 years of professional

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