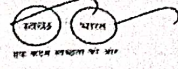





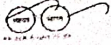
कार्यालय नगर निगम, देहरादून।

(का०- 0135-2714074 फ़ैक्स- 0135-2651060 ई-मेल- (nagarnigam.ddn@gmail.com)



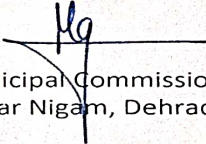
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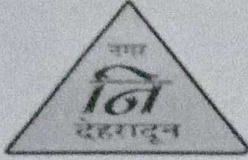
दिनांक 20/7/2023

	Nagar Nigam Dehradun Telephone – 0135 – 2714074 Website – www.nagarnigamdehradun.com E-mail – nagarnigam.ddn@gmail.com	
Expression of Interest (EOI) Notice		
<p>NND invites Expression of Interest (EOI) for Selection of Agency for Operation and Maintenance of Zero Waste Aatmanirbhar Ward for Sustainable Solid waste management in Dehradun Municipal Corporation as per SBM 2.0 guidelines from eligible bidders having experience as indicated in the EOI document. Interested bidders are requested to download the EOI document from e-tender portal, Government of Uttarakhand from 21.07.2023, 02:00 PM onwards. Bidders conference is scheduled on 31.07.2023 at 11:00 AM. Any Addendum/Corrigendum including date of extension will be uploaded only on www.uktenders.gov.in. The last date & time for online submission of EOI is 10.08.2023 up to 2:00 PM.</p>		
Municipal Commissioner, Nagar Nigam Dehradun		

Copy to:

- 1- Honourable Mayor Nagar Nigam Dehradun for kind information.
- 2- Editor Daily News Paper Hindustan Hindi (Uttarakhand) / Pioneer English (Uttarakhand & Delhi NCR) to publish the EOI advertisement in minimum space as per reasonable rate for Nagar Nigam Dehradun.
- 3- Sh. Manish Pant, IT Officer to ensure uploading the EOI document in official website of Nagar Nigam Dehradun and E-procurement portal of State Government.


Municipal Commissioner
Nagar Nigam, Dehradun



नगर निगम देहरादून

Uttarakhand India

Expression of Interest (EOI)

For

Selection of Agency for Operation and Maintenance of Zero Waste Aatmanirbhar Ward for Sustainable Solid waste management in Dehradun Municipal Corporation as per SBM 2.0 guidelines

DEHRADUN MUNICIPAL CORPORATION,
DEHRADUN, UTTARAKHAND

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सहायक नगर आयुक्त
नगर निगम, देहरादून

मुख्य नगर स्वास्थ्य अधिकारी
नगर निगम-देहरादून

सफो
वित्त अधिकारी
नगर निगम-देहरादून

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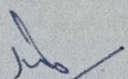
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
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नगर निगम, देहरादून

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Part I: General Terms


सहायक नगर आयुक्त
नगर निगम, देहरादून


मुख्य नगर कार्यकारी अधिकारी
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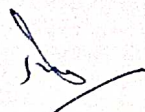
Objective of this EOI



The objective of this Eoi is to solicit proposals from the interested parties for participation in the bid process of Selection of Agency for "Operation and Maintenance of Zero Waste Aatmanirbhar Ward for Sustainable Solid waste management in Nagar Nigam Dehradun as per SBM 2.0 guidelines." The Agency will be responsible for transitioning the existing D2D collection services and Operation & Maintenance of Material Recovery Facility (MRF). In addition to providing the services on MRF, the Agency will also be responsible for enhancing the services/functionality of waste collection, increase awareness for source segregation, ban on single use plastic, promotion of home composting etc. The Eoi intends to bring out the details with respect to scope of services that are deemed necessary to share with the interested bidders.

EOI Issuing Authority

This Expression of Interest (Eoi) is issued by Nagar Nigam Dehradun (NND), intended to short-list potential bidders. NND's decision with regard to the short-listing of bidders through this Eoi shall be final and NND reserves the right to reject any or all the bids without assigning any reason.

Sl. No.	Item	Description
1	Project Title	Selection of Agency for "Operation and Maintenance of Zero Waste Aatmanirbhar Ward for Sustainable Solid waste management in Nagar Nigam Dehradun as per SBM 2.0 guidelines
2	Project Initiator Details	
	Department	Public Health - Swachh Bharat Mission
	Contact Person	Shri Shantanu Prasad Joshi Asst. Municipal Commissioner, Nagar Nigam Dehradun Phone: 9627118066 Email ID: sbmnd@gmail.com nagarnigam.ddn@gmail.com Website: nagarnigamdehradun.com E-Procurement site: uktenders.gov.in
	Address	Nagar Nigam Office, Patel road, opp. Doon Hospital, Dehradun-248001, Uttarakhand. Phone: 9627118066


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नगर निगम, देहरादून



चरि्ट वित्त अधिकारी
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Tentative Calendar of Events

The following table enlists important milestones and timelines for completion of bidding activities:

S.No	Milestone	Date and time (dd-mm-yyyy; hh:mm)
1.	Download of Expression of Interest (Eoi)	21-07-2023; 14:00 hrs
2.	Bidders Conference	31-07-2023; 11:00 hrs
3.	Last date for submission of written questions by bidders	30-07-2023; 16:00 hrs
4.	Last date for Submission of Eoi	10-08-2023; 14:00 hrs
5.	Opening of Eoi	10-08-2023; 15:00 hrs
6.	Declaration of Short-listed Firms	To be informed later

Availability of EOI documents

Eoi can be downloaded from the NND website & E-Procurement site given under Part I: General Terms. The bidders are expected to examine all instructions, forms, terms, project requirements and other details in the Eoi documents. Failure to furnish complete information as mentioned in the Eoi documents or submission of a proposal not substantially responsive to the Eoi documents in every respect will be at the bidder's risk and may result in rejection of the proposal.

EOI Document Fee


In order to weed out frivolous submitting, agency is required to submit a document fee of INR 5000/- (Rs. Five Thousand only) from any nationalized bank in the form of a Demand Draft in favor of Senior Finance Officer, Nagar Nigam Dehradun payable at Dehradun.

Bidders Conference



NND will host a bidder's Conference in Dehradun at the address given under Contact Details Part I: General Terms. The Conference is tentatively scheduled as per the schedule given in Part I: General Terms. The representatives of the interested organizations (restricted to two persons) may attend the bidders' conference at their own cost. The purpose of the conference is to provide bidders with any clarifications regarding the Eoi. It will also provide each bidder with an opportunity to seek clarifications regarding any aspect of the Eoi and the project. The venue for the bid conference will be at the address given in Part I: General Terms.

Venue and Deadline for Submission of Proposals


Proposals, in its complete form in all respects as specified in the Eoi, must be submitted to NND at the address specified above in Part I: General Terms. NND may, in exceptional circumstances and at its discretion, extend the deadline for submission of proposals by issuing an addendum to be made available on the e-procurement website, in which case all rights and obligations of NND and the bidders previously subject to the original deadline will thereafter be subject to the deadline as extended.

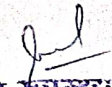

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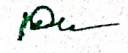
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Part II: Scope of Services


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Background

About Nagar Nigam Dehradun

The Nagar Nigam Dehradun is the civic or urban local body that governs the city of Dehradun in Uttarakhand, India. It covers an area of 196.48 sq.km comprising of 5 zones which is further divided into 100 municipal wards. The basic functionalities of NND includes Urban Planning, Property tax assessment, Planning for economic and social development, public health, sanitation conservancy, and Solid Waste Management to name a few

Details of the Project

Zero Waste Aatmanirbhar Ward model is an initiative to better the waste management practices in the city. The best way to do this is to start segregating at source and then stabilizing the collection and disposal. The biodegradable waste can be converted into manure/compost. Recyclable materials such as paper, cardboard, glass, metal, plastic, electronic can be used for recycling purpose. The idea is to process the organic waste, sort & grade the non-organic waste within the ward thereby reducing the amount of waste that goes to landfill, promote reduction of waste, reuse, and recycling.

NND intends to create Zero Waste Aatmanirbhar Ward, which is a self-sustaining model in which the O&M cost is met from the revenue stream, concerning Door-to-Door collection of waste, its processing and collection of user charges. NND has already demonstrated this in two wards viz. Nathuwala and Harrawala. NND intends to replicate the aatmanirbhar model to other wards. At the same time, NND intends to run a strong IEC campaign in such wards to promote source segregation and home composting. Ensuring compliance by Bulk Waste Generators (BWG) through monitoring and education would also be important aspect of the project. The selected agency will be financially and operationally responsible for collection of Solid Waste from households and commercial establishments from the project area and collect user charges for its service. The agency will operate the MRF, sell the recyclables and process the wet waste into compost or other environment friendly product.


For this purpose, EOI is invited from the eligible bidders who would demonstrate a viable methodology for the sustainable working of the Zero Waste Ward and NND shall finalize the specifications of the RFP document based on the best model received and its suitability to NND's needs.


Support from NND

1. To provide D2D vehicles to the agency in good running condition for collection of waste with in zero waste ward.
2. To provide the infrastructure support like development of Material Recovery Facility (MRF) with all the machines and infrastructure required etc.
3. To provide Parking area with shed for washing, cleaning, and parking of D2D vehicles with electricity supply.
4. Data to be given by authority for user charge collection to agency.

Scope of the applicant

NND wishes to receive EOI from the applicants having capability and experience in operation and maintenance of MRF centre, D2D collection, waste processing; demonstrating their technical expertise, financial capability, experience of similar works, approach, and methodology towards creating a Zero Waste Aatmanirbhar Ward, expected challenges, operating cost benefits of proposed model over other models, advantages of the model and suggestions.


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Short-listed applicants will be invited to participate in the subsequent stages for Request for Proposal (RFP) document.

Details of Scope of work

Collection & Transportation, Processing of Wet Waste

The applicant shall be liable, but not limited, to carry out the following deliverable:

- The Agency will perform 100% Door to door collection of Solid Waste in segregated manner from Waste Generators of the ward and transportation to the MRF center.
- Primary storage of collected Solid Waste, segregation, and processing of Solid Waste.
- Collection of user charges from the households, commercial and institutional establishments as levied by the ULB
- The Agency will conduct capacity building workshops and awareness campaigns for source segregation of waste in the project area in association with the ULB.
- It will be responsible for providing toll free number for the collection of solid waste in bulk quantity.
- Tools and tackles required for operation and maintenance should be provided by the Agency
- The operating personnel shall have thorough knowledge of safety precautions during emergency cases and be conversant with the rules/regulations, IE Act/ Rules and Indian Factory Act/Rules.
- The workers involved in MSW handling shall be provided with gloves, masks, uniforms, aprons, and other Personal Protective Equipment (PPE).
- Guidance on customized plan for efficient door to door collection, 4 level segregation, transportation & processing of waste.
- Realistic assessment of quantity, Characterization, and classification of Solid Waste, the current scenario and prediction. Analyze the existing waste management situation.
- Petrol, Diesel, Transportation, and maintenance cost of D2D vehicles shall be borne by agency.
- Strategies on source segregation and door to door collection of household & commercial waste, Mall, Hotels, Hospitals, Marriage Garden, function places, street sweepings, silt removal, vegetable & fruit market waste, slaughterhouse waste etc. and suitable incentive structure to promote source segregation & recycling.
- The Agency shall encourage the residents, commercial and institutional establishments to carry out on site wet waste composting in their own premises through pit, pot, or bin composting.
- The Agency should facilitate the composting of wet waste at the designated place in the MRF center by, but not limited to, any of the following means:
 - Pit composting
 - Vermicomposting
 - Through composter
- The agency will prepare the base for the user charges by mapping of the households and commercial & institutional establishments; and in case of non-compliance by the property owner, NND will provide support by taking necessary action.
- The agency will also be responsible for the transportation of post-processing rejects/Inert/residues (not exceeding 15% of incoming waste quantity) to the designated site (to be provided by the Nagar Nigam Dehradun) as per the CPHEEO Norms. The transportation cost for the inert shall be at the expense of the agency.

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शुभ नगर खासिय अमितजी 8

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IEC, Innovations & Capacity Building

The applicant shall be liable, but not limited, to carry out the following deliverable:

- Guidance on Information, Education and Communication (IEC) campaign models and enforcement plans for effective citizen engagement.
- Guidance on Selection & Training of Suitable IEC Agency/NGO for Behavioral Change in Society.
- Establishment of Reduce Reuse Recycle (RRR) Center within zero waste ward.
- Setting up of Thaila Bank/Bartan Bank/Neki Ki Deewar (RRR).
- Encourage people to segregate waste and to practise home composting.
- To conduct IEC/BCC activities, awareness drives, clean-up drives, and capacity building workshops with staff, supervisors, and citizens.
- To create ward level WhatsApp groups to engage with all the active citizens and respective Sanitary Inspectors and Supervisors.
- Integration of informal waste pickers.
- Training on importance of single-use plastic ban, segregation, garbage burning. In addition, information on usage of personal protective gear, accessing ESI and PF benefits, social benefit schemes available and Financial Literacy.

Operation and Maintenance of Material Recovery Facility (MRF)


The applicant shall be liable, but not limited, to carry out the following deliverable:



- The Agency will Operate and Maintain the Material Recovery Facility (MRF) plant for a period of five (5) years, which can be extended further, catering for the future increase in Solid Waste generation during the operation Period in line with the applicable laws including but not limited to SWM Rules, 2016.
- The Technology suggested/offered shall follow all applicable standards as per prevailing regulations of CPCB, SPCB and SWM Rules 2016.
- The Agency shall comply with proprietary rights, licenses, agreements and permissions for materials, methods, processes, and systems used or incorporated in the Project.
- The Agency should endeavor & ensure running of the system for at least 330 days during which the segregation of Solid Waste shall not be stopped for the reasons other than mentioned below: -
 - Any Power shutdown.
 - Any Electrical breakdown.
 - Due to any other reasons specified by the ULB
- Even in the cases mentioned above, the restoration of the system should be done with least interruption.
- All penalties, levies due to any non-compliance will be borne by the Agency.
- The Agency will be responsible for selling the recyclables/ non-recyclables/RDF as per the SWM Rules, 2016 and other applicable environmental laws.
- The Agency shall maintain daily records (digital inventory management system for each segregated waste fraction) of quantum of incoming, processed waste, rejects, products in the formats approved by Independent Engineer/ Project Engineer / Project Management Unit/ULB. The monthly report shall be submitted by the Agency to the ULB.
- To give digital monitoring access to the authority.
- Sale of Waste after processing from MRF.
- The agency must ensure sorting, recovery, and recycling of dry waste.
- The agency must bear all cost of operations of MRF including wages to manpower, all the cost related to regular maintenance of machines installed in MRF centre till the completion of contract period.
- The Agency shall be responsible for Water and Electricity required to be consumed during the period of O&M of the plant.

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- The Agency shall minimize odour generation, prevent off-site migration of gaseous emissions. Ambient air quality at the site and in the vicinity shall be monitored to meet the specified standards as per CPCB and SPCB rules and regulations, SWM rules 2016 and other applicable laws/rules.
- A fixed amount of royalty (percentage and schedule to be decided later) shall be paid by the agency to Nagar Nigam Dehradun for operating the MRF center.


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Part III: Eligibility of the agency to
participate in the EOI




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Eligibility Criteria

1. Should be a legal entity/firm/NGO/Voluntary Organisation as per Companies Act 2013/Societies Registration Act 1860 or any other relevant act as per Indian Law. (Copy of Incorporation/Registration Certificate need to be attached)
2. The agency must submit the EOI fee by means of Demand Draft in the favour of Senior Finance Officer, Nagar Nigam Dehradun payable at Dehradun.
3. The agency must have the experience of solid waste collection & transportation in any ULB in last three years (2020-21, 2021-22, 2022-23) on the lines of requirement as proposed in this EOI. Alternatively, the agency must have an experience of running a Zero Waste Ward or Self Sustainable model of waste collection. (Relevant Work Orders and Completion Certificates needs to be attached)
4. The agency must have an average annual turnover of 1 Cr. in last three F.Y. (2020-21, 2021-22, 2022-23). (CA certified audited reports needs to be attached)
5. The agency must not have been blacklisted by any Govt. Department/ULB. (Affidavit on Rs 100 stamp paper duly notarised)


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