

NEW TOWN KOLKATA DEVELOPMENT AUTHORITY



(A Statutory Authority under Government of West Bengal)
3, Major Arterial Road, New Town, Kolkata – 700156

Memo No: 2855 /NKDA /Egg-36/2010(VI)

Date: 21.05.2015

Request for Information (RFI) for preparation of RFP (Request for Proposal) for implementation of an Automated Vacuum Refuse Collection System on Turn-key basis in Eco-Park , New Town, Kolkata

New Town, a planned city with nearly one million fixed and five million floating design population was contemplated to mitigate burgeoning population pressure of Kolkata. People from all sectors of the society have started living in this city which is only a decade old. Hospitals, schools, colleges and offices are coming up in full swing to meet the need and demand of its users. New Town , being a modern and planned city with multifarious facets of urban design strategies and development, ensures desired level of convenience to its residents. On the heart of this modern township Eco- Park has been developed over 480 Acres of land having an artificial lake covering 110 Acres. The park has several amusement facilities with various zones including Rabi Aranya, Tropical Rain Forest, Butterfly Garden, Rose Garden, Bamboo Garden, Children's Park etc.

New Town Kolkata Development Authority (NKDA) , intends to implement an Automated Vacuum Refuse Collection System , as a Pilot Project, in Eco-Park ,New Town, Kolkata. This has been aimed to minimize littering and collection activity and enhance aesthetics and cleanliness of the Park. For such purpose NKDA requests organizations having experience in similar nature of work to submit requisite information as sought by this authority for preparation of RFP document pertaining to the work. .

1.0 Scope of the Work

The work involves designing (Civil, Mechanical and Electrical), execution and operation and maintenance of such Automated Vacuum Refuse Collection System with underground piping network and outdoor collection units and underground collection center with room for automated SCADA monitoring system for controlling of valves, exhausts and other appliances within the collection network. The waste deposited into the outdoor collection units should be evacuated and sucked out through the network of underground pipes using SCADA monitoring system. The system can have separate inlets for different types of waste (bio-degradable and non-biodegradable). Finally the waste should be compacted and stored

into respective containers at the collection station from where the compactor/ truck will come and pick the same for disposal.

A drawing is attached with this document showing the proposed pipeline alignment having a total length of approximately 2.5 Kms. Each outdoor collection units should cater for 50 mtrs of length. The primary objective is to keep the area clean, as shown in the drawing, where there is maximum littering during the festive season. Present generation of waste from the park is on an average of 1 tonne/day but during festive season the quantum of waste generated per day is around 4 tonnes.

2.0 Wish-list Parameters to be stated by the organizations having experience for similar nature of the work:

For preparation of the RFP document, for implementation of the said work on turn-key basis ,NKDA requires such organizations to state their views regarding the following:

1. Experience –Execution of minimum no. of similar projects nationally/ globally over the last five years.
2. Turnover – Minimum turnover required on an average for the last three years and for each year individually.
3. Payment schedule (on a percentage basis on the total quoted cost) with milestones and deliverables.
4. Output based standards, if any, for such project.
5. Approximate cost of the project.
6. The prospective organizations are also requested to **briefly** specify regarding the
 - Material of the pipes
 - Specification regarding outdoor collection units, specials including air valves, exhausts etc.
 - Equipments within the SCADA monitoring unit.
7. Approximate land requirement for setting SCADA monitoring unit and centralized collection center.

A meeting in this regard will be held on 08th June 2015 at 3.00 pm at the conference room at 01, M.A.R, New Town, Kolkata– 700 156, for exchange of ideas. All prospective organizations are requested to please attend the meeting. The organizations should furnish the above information (Serial nos 1 to 7 as per clause 2.0 of the RFI notice) in a sealed cover addressed to Executive Engineer-I, New Town Kolkata Development Authority (NKDA) and submit the same on or before the meeting. The cover should be super scribed with address, contact no. and e-mail id of the organization.

All respondents to this RFI notice are requested to please follow our official website www.nkdamar.org for any further corrigendum/ notification etc. in this regard.

Executive Engineer-I
New Town Kolkata Development Authority

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Copy forwarded for information to:

1. The Chief Executive Officer, New Town Kolkata Development Authority.
2. The Chief Engineer, New Town Kolkata Development Authority.
3. The Assistant Engineer-I, New Town Kolkata Development Authority.
4. The Estimator/Sr. Accountant, New Town Kolkata Development Authority.
5. P.A to the Chairman, New Town Kolkata Development Authority.
6. Office Notice Board
7. Official web site of New Town Kolkata Development Authority (www.nkdamar.org)

Executive-Engineer-I
New Town Kolkata Development Authority