

**Document No. : MAH-NAS-069-EOI-01**



**Nashik Municipal Smart City Development Corporation Ltd.,  
(NMSCDCL)**

**Name of work: Expression of Interest for Selection of an agency for  
supply, Installation, Commissioning, Operation and maintenance of  
Public Bicycle sharing System for NMSCDCL, Nashik.**

**Date: 03/01/2018**

**Address:**

**The Chief Executive Officer, NMSCDCL  
Nashik Municipal Corporation,  
Rajiv Gandhi Bhavan,  
Sharanpur Road, Nashik - 422001**

**E-mail: [pmc@nashiksmartcity.in](mailto:pmc@nashiksmartcity.in)**

## Table of Contents

1. About NMSCDCL.....	3
2. About Project .....	3
3. Eligibility.....	4
4. Checklist for Submission.....	6
5. Date of Submission.....	6
6. Brief about the Project.....	7
ANNEXURE – I: Format for submission of the proposal and presentation on the EOI.....	10
ANNEXURE – II: Format - Letter of Submission.....	11
ANNEXURE – III: Format for General Information.....	13
ANNEXURE – IV: Similar Projects Experience (If Any) .....	14

## 1. About NMSCDCL

Ministry of Housing and Urban Development (MOHUA), Government of India (GOI), launched Smart City Mission to develop cities throughout the country as Smart Cities and the Nashik Municipal Corporation (NMC) has been selected as one of the Smart Cities by the MOHUA. Accordingly, a Special Purpose Vehicle (SPV) has been established by the selected Smart Cities under the Company's Act 2013, for implementation of Smart City Mission. The SPV will plan, apprise, approve, release funds, implement, manage, operate, monitor and evaluate the Smart City projects for the area under 'NMC' in accordance with Smart City Mission of the GoI and State Government.

NMC established an SPV (a public limited company equally owned by NMC and GoM under the Section 66(A) & 66 (41A) of Maharashtra Municipal Corporation Act of 1949, named as "Nashik Municipal Smart City Development Corporation Ltd." The Company is registered with Registrar of Companies, M/o Corporate Affairs under the provisions of the Company Act 2013.

## 2. About Project

NMSCDCL plans to introduce a Bicycle Sharing System to provide a low-cost, environmentally friendly mobility option to city residents. Bicycle sharing is a flexible system of personalized public transport. Bicycles are available in a closely spaced network of semi-automated stations. Users can check out Bicycles at one station and return them to any other station in the network.

Bicycle sharing is a key element in a city's strategy to expand the use of sustainable transport modes. Bicycle sharing is expected to boost the use of public transport by providing crucial last-mile connectivity to the system. The system will be integrated through the location of its stations and the ITS system. By encouraging a shift to sustainable modes, the Bicycle Sharing System will reduce dependency on automobiles, reduce traffic congestion, vehicle emissions, and demand for motor vehicle parking. In addition, the system will expand the health and wellness benefits of Bicycle transport to new users. Finally, the system will support the transformation of streets where pedestrians and bicyclists feel safe and comfortable.

Importance will be given to place stations near important commercial, cultural, educational, administrative, and residential and tourist attraction points in the City.

A Hybrid System is proposed for Public Bike Sharing. The stations will be manned by station attendants; however the operations of each station are communicated to the Smart City Operation Centre by the station attendants using card verification devices. The Smart City Operation Centre collects data from each station for efficient planning and operation of the system. This data is used to make decisions on redistribution of Bicycles around stations during the hours of operations.

The proposed Bicycle Sharing System will have 1000 Bicycles spread over minimum 100 stations across the city. The project to be implemented by the service provider within a time period of 12 months of signing the MoU. However, number of Bicycles or/and stations can be increased/decreased with mutual consent of NMSCDCL and service provider but the cost of the same shall be borne by the service provider.

NMSCDCL hereby requests interested Parties to respond to this Expression of Interest for Selection of an agency for supply, Installation, Commissioning, Operation and maintenance of Public Bicycle sharing System for NMSCDCL, Nashik.

Some of the envisaged components of Public Bicycle Sharing system are:

- Docking stations with ergonomic design having docking spaces as per standards.
- Bicycles having basic specifications like unisex design, durable, lightweight, theft proof, heavy-duty rims, puncture resistant tires, light reflect or sand LED lights to make the bicycles more visible to vehicles during night
- A System Software to be installed at Smart City Operation center to monitor docking stations remotely.
- Mobile app to pre-book the bicycles and for real time data of the operations.
- Redistribution vehicles
- Anti-theft and anti-vandalism measures
- The PBS System could also be a hybrid system (docking-dock less system)

#### **Brief Scope of Work:**

- Designing the facility based on the mandatory development as provided in the RFP.
- Raising the finances including Debt, Equity and any other instruments to construct the Project.
- Operation and Maintenance (O&M) of the project.
- Transfer the Asset/facility to the NMSCDCL.

**NMSCDCL invites Expressions of Interest from eligible applicants for the setting-up and O&M of the PBS System in Nashik. Interested Applicants, are requested to participate in the EOI process. Further, the RFP will be issued only to the bidders who have responded to the EOI and would be required to submit their RFP response within 7 days of publish of the limited RFP.**

### **3. Eligibility**

- The invitation is open to all entities that are either companies registered under Companies Act 1956/2013; or are registered under Societies Registration Act, 1860 or equivalent; or registered as a trust; or is registered under the Indian Partnership Act, 1932 or Limited Liability Partnership Act, 2008 or equivalent and is active and operational continuously for the last 3 (Three) years on the date of submission.
- The respondent should not have been blacklisted/debarred by any State Government/Central Government or its agencies in India and if blacklisted/debarred for a particular time, such bar (blacklisted/debarred) should not be applicable as on the date of submission of the EOI.

## Submission of Proposal and Presentation

Respondents will have to submit their proposal and make a presentation on the PBS system to the Authority on the date and time mentioned under the Schedule of the Submission Process. The format for the proposal and presentation is furnished in Annexure – I.

## Invitation of EOI Conditions

This EOI is not an offer and does not carry any commitment to engage a partner who submits the same or any other commitment related thereto.

The Authority reserves the right to withdraw this EOI and change or vary any part thereof at any stage if the Authority feels that such action is in the best interest of the Project.

Timing and sequence of events resulting from this EOI shall ultimately be determined by the Authority.

For all the EOIs received before the last date and time prescribed for submission, the proposals and accompanying documentation will become the property of Authority and will not be returned after opening of the proposals. Authority shall not be bound by any language in the proposal indicating the confidentiality of the proposal or any other restriction on its use or disclosure.

By submitting an EOI, each respondent who shall be deemed to acknowledge that it has carefully read all sections of this EOI, including all terms & conditions, and annexure/s hereto and has fully informed itself about all existing conditions and limitations.

The proposal and all correspondence and documents shall be written in English language.

## Response Requirements

- The EOI shall be in accordance with the requirements specified herein in this document for EOI and in the format prescribed in this document.
- Proposals must be direct, concise, and complete. Respondent is expected to provide only the relevant information in the EOI.

The EOI shall be submitted as follows:

- **Physical Submission:** Two printed copies of the entire proposal, one marked ORIGINAL and the second one as DUPLICATE and a soft copy on non-rewriteable electronic storage media with all the contents of the EOI.
- **Electronic/ Online Submission:** The scanned copy of the original proposal Shall be uploaded on the mahatenders.gov.in
- If any discrepancy found between physical submission and the electronic submission, electronic submission shall prevail and will be considered as the proposal for the purpose of evaluation.
- The proposal should be appropriately referenced.

## Submission of EOI

Interested entities who meet the eligibility conditions set forth in this document, may furnish their Expression of Interest (EOI) with all the necessary documents in a sealed envelope super-scribed "EOI for Public Bicycle Sharing (PBS) System under implementation of the Smart City Mission for Nashik" along with a Letter of Submission duly signed by an authorized signatory on or before as per key dates to the following address and obtain acknowledgement of submission for the same:

### Address:

**The Chief Executive Officer, NMSCDCL  
Nashik Municipal Corporation,  
Rajiv Gandhi Bhavan,  
Sharanpur Road, Nashik - 422001**

**E-mail:** [pmc@nashiksmartcity.in](mailto:pmc@nashiksmartcity.in)

Note: Incomplete EOI will be rejected.

- The Authority reserves the right to extend the EOI submission date for which the EOI is invited.
- The Authority reserves the right to verify the particulars furnished by the respondents independently and also reserves the right to reject any proposal without assigning any reason thereof in the interests of effective implementation of the project.

## 4. Checklist for Submission

Respondents should ensure that the following documents are submitted as requested and/or as per annexure in their proposals:-

1. Letter of submission.
2. Completed general information about each entity/partner/member.
3. Completed details of similar projects undertaken/planned.
4. Organization profile of each entity/partner/member.
5. Any other documents relevant to the Project.

## 5. Date of Submission

The EOI is to be submitted on:

End date of Electronic/ Online Submission: 17<sup>th</sup> January 2018 till 15:00 hrs.

End date of Physical Submission: 18<sup>th</sup> January 2018 till 15:00 hrs.

Date of Presentation: 19<sup>th</sup> January 2018 at 11:00 hrs.

Venue: Nashik Smart City Cell, 1<sup>st</sup> Floor, Nashik Municipal Corporation, Rajiv Gandhi Bhavan, Sharanpur Road, Nashik, Maharashtra.

## 6. Brief about the Project

### Introduction – Public Bike Sharing (PBS)

Public Bike Sharing (PBS) systems have evolved with time, from free bicycles for the community to technologically driven systems available on rent. However, the core objective of the system has remained the same, i.e. picking bicycle at one point, using it and returning it at another place. The bike sharing systems serve as a point to point mode of transport.

Bicycle sharing is a cost effective, sustainable, environment friendly mode of transport in which modern bicycles are available to the commuters. Generally, PBS Docking stations are located in close proximity to existing bus stations/Intermediate public transport (IPT) stands to integrate both the modes and facilitate last mile connectivity.

### Features of Public Bicycle Sharing

- PBS is a non-polluting and healthy mode of transport.
- It offers a solution to last mile connectivity issues.
- The system has specially designed bicycles & stations. The system components i.e. bicycles and stations are planned in a way to discourage thefts.
- The PBS stations can have automated locking arrangements at the docking stations.
- Real time monitoring is done for bicycles and stations to keep a track of bicycle movement and availability of bicycles and bays at docking stations.

### Elements – PBS

The PBS system in all has certain components that need to be integrated for successful performance of PBS. Some of the key components of PBS are as follows:

- Bicycles
- Bicycle docking station
- Redistribution vehicles
- Maintenance depot

### Objective of the Project

The plan for providing Public Bicycle Sharing System in Nashik was envisaged keeping the following objectives in mind:

- To provide a low-cost, environmentally friendly, non – motorized and sustainable mobility option to the residents of Nashik.
- To reduce dependency on automobiles, reduce traffic congestion, vehicle emissions and demand for motor vehicle parking.
- To complement the public transport system of Nashik.
- To provide greater access to places of interest to national/international tourists as well as citizens of Nashik.
- To connect the citizens, especially youth, women and low income groups to opportunities created by the smart city implementation in Nashik, through PBS system.
- To provide an active transport choice that offers physical health benefits to the residents of Nashik. To attract new cyclists by offering a convenient mode of transport that may have been prevented due to lack of ecosystem and infrastructure necessary for the users to adopt and adapt to, such a mode of mobility.
- To generate investment and employment opportunities in the local economy.

## **Scope**

The partner whosoever will be selected for the project is expected to design, build (set-up), finance and operate a comprehensive system comprising of bicycles; stations (docks, terminals, siting, and installation); a software system for integrating the same with Smart city Operation center; smart card/ electronic payment systems; operations and maintenance; marketing and outreach; and customer service. Make comprehensive plan for bicycle routes, number and location of docking stations.

The following section indicates the responsibilities of Authority & private partner:

### **Activities to be performed by Nashik Municipal Smart City Development Corporation Ltd. (“NMSCDCL” or “the Authority”)**

- Junction crossings for Bikes to be provided. Pelican Signals to be provided wherever required (to be integrated with ITMS project).
- Provision of space for docking stations.
- Provision of space for Depot.
- Crossing/speed breakers/signals to be provided at required locations.
- Development of cycle track along Godavari River.
- Location of Docking stations to be approved by NMSCDCL/NMC.
- Ensuring clearance and approval from all the required Authorities for installation and operation of the system.
- Approval of system branding and advertisement on the system.
- Review of Agency’s plans for operation and maintenance of all activities including redistribution of cycles.
- Review of monthly/ quarterly operations reports.
- Defining of service level bench marks and compensation/penalty of Agency based on these benchmarks in discussion with the Private Partner.

### **Activities to be performed by the Private Partner**

- The partner is required to finance, procure, operate & maintain new bicycles (design of the bicycles will be approved by NMSCDCL).
- The private partner is required to finance, design, procure, set-up, operate & maintain Bicycle docking stations & resting stations (design & location of the same will be approved by NMSCDCL).
- To plan and propose cycle routes / public bicycle sharing stops/shelters.
- Bike lanes/tracks, Traffic signage/markings to be provided as per requirements.
- The partner is required to maintain the availability of bicycles at all the Docking stations as per the provisions made in the system planning.
- Planning of Bike stations and Station siting plans.
- Establishment, operation & maintenance of System & Equipment to manage & monitor the operations on a real time basis.
- Procurement, Operation and Maintenance of dedicated vehicles for redistribution of Bicycles.
- Establishing and operating Depot & workshop for repair of cycles and other system parts and storage of spare parts and back up cycles, as per requirement.
- To procure, establish and ensure the software and hardware of PBS system to be compatible and shall be seamlessly integrated with Smart City Operation Center that is being taken up as a separate project under Nashik Smart City.

- Registration of users at designated registration centers. The PBS software and hardware must be compatible with the RFID-based/Sim-based/GPS or any other proven technology.
- Selling advertisement space on the system/sponsorship rights to the system.
- Provision, operation & maintenance of portal and mobile app for the system.
- Marketing and User information.
- Manpower Deployment Plan
- Data reporting: Real time data transfer plus monthly/quarterly reports in the format as specified by NMSCDCL.
- Insurance of Bike, Stations, Users, and Public Liability Insurance Policy.

## **ANNEXURE – I: Format for submission of the proposal and presentation on the EOI**

- Profile of the applicant.
- Similar projects undertaken/executed/planned, if applicable.
- Description of the bicycle sharing systems set up or operated by the respondent including location, client details, layout, design, project cost with break-up and project details.
- The terms and conditions or participation mode with Government agencies on similar bicycle sharing project/s.
- Details of arrangement with the city government for the operations.
- Details of the systems in-operation and nature of service level agreement/s.
- Details of collaboration with an Indian company, if applicable.
- Overall Approach, Methodology , Implementation and Deployment Plan:
  - a. Bicycle/s and station/s specifications
  - b. Conceptual physical design of bicycle/s and station/s (including docks)
  - c. Characteristics of user interface in the station / Customer service kiosk
  - d. Conceptual siting plan
  - e. Advertising area conceptualized/required
  - f. Information technology system/s envisaged and their function/s
  - g. Information regarding customer information systems such as station signage, system website, smart-phone applications, etc.
  - h. Conceptual layout of depot including parking space for redistribution vehicles and redistribution mechanism, and list of equipment for maintenance and repair of bicycles,
  - i. Subscription models and user payments
  - j. Details of the assistance sought from the Authority- NMSCDCL/NMC
  - k. Bicycling infrastructure facilities expected to be provided by the Authority
  - l. Operationalization plan and strategy
  - m. Detailed plan for Awareness campaign along with timelines
  - n. Timelines for execution of the project and the O&M period
  - o. Project structure
  - p. Financing structuring of the project

## **ANNEXURE – II: Format - Letter of Submission**

(In the firm's letter head)

Ref No:

Dated:

To

**The Chief Executive Officer  
NMSCDCL  
Nashik Municipal Corporation  
Rajiv Gandhi Bhavan  
Sharanpur Road  
Nashik - 422001**

Sub: Submission of Expression of Interest (EOI) for “Public Bicycle Sharing (PBS) System on CSR mode under implementation of the Smart City Mission in Nashik”.

Sir,

Being duly authorized to represent and act on behalf of and having thoroughly examined all the conditions of the invitee for Expression of Interest (EOI) dated \_\_\_\_\_ and ref: \_\_\_\_\_ for the captioned project, I/we hereby submit our Expression of Interest and the relevant information.

1. I/We have examined in detail and have understood, and abide by all the terms and conditions stipulated in the above referenced EOI invite issued by the Authority. Our submissions/proposal is consistent with all the requirements stated in the EOI invite.
2. The information submitted in our proposal is complete, strictly as per the requirements as stipulated in the above referenced EOI invite, and is correct to the best of our knowledge and understanding. We shall be solely responsible for any errors or omissions or misrepresentations in our submission/proposal.
3. We have read the provisions of the EOI and confirm that these are acceptable to us. All necessary clarifications, if any, have been sought for by us and duly clarified.
4. I/We also authorize NMSCDCL or their authorized representative to approach individuals, employers and firms to verify our submitted details, competence and general reputation.
5. We understand that NMSCDCL will be at liberty to finalize project parameters and issue of RFP, after assessing the response from the parties.
6. This call for EOI does not constitute a solicitation. NMSCDCL reserves the right to modify or cancel and may recall the EOI.
7. We have not been blacklisted by any State Government/Central Government(s)/Central Government or its agencies in India or abroad.

The undersigned declares that the statements made and the information provided in the application is complete, true and correct in every detail.

Signed by Authorized Signatory,

[Name]

For and on behalf of [name of Bidder]

Seal

Date:

Place:

**ANNEXURE – III: Format for General Information**

Name of the entity	
Legal status of the entity (Company/Partnership/Proprietorship etc.)	
Head office address	
Address for communication	
URL of the entity's website	
Contact person	
Telephone & mobile number/s	
Fax	
Email	
Date of incorporation/registration	dd/mm/yyyy Submit Registration/Incorporation documents
Date of commencement of commercial operations	dd/mm/yyyy
No. of employees	Technical Staff:
	Management Staff:
	Support Staff:
Activities undertaken in the last 3 (Three) years preceding the submission	Submit an organization profile including product/service offerings, major clients etc.
date	
Similar projects experience	List out all similar projects undertaken/planned along with relevant certificates

Certification:

I/we hereby declare that the information furnished is true to the best of my/our knowledge.

Signature of the authorized person

Name of the authorized person

Organization's seal

Date:

Place:

## **ANNEXURE – IV: Similar Projects Experience (If Any)**

(To be submitted for every Public Bicycle Sharing System project undertaken)

- Title of the project
- Project cost
- Location of the project
- Status (implemented/ongoing)
- Name of the client
- Contact person at client's end
- Address, telephone no. and email ID of the contact person at client's end
- Start date and end date of construction/implementation
- Duration of the project, including Operation and Maintenance (O&M)
- Role in the project (developer/contractor/O&M operator)
- Details of the project
  - a. Length covered (Km) by the project
  - b. Area covered (Sq. Km) by the project
  - c. No. of bicycles
  - d. No. of stations
  - e. Brief description of the project highlighting important aspects of the project.

Certification:

I/we hereby declare that the information furnished is true to the best of my/our knowledge.

Signature of the authorized person

Name of the authorized person

Organization's seal

Date:

Place