

# NEW DELHI MUNICIPAL COUNCIL

## INVITATION FOR EXPRESSION OF INTEREST (EOI) FOR STRENGTHENING AND UPGRADATION OF DRAINAGE SYSTEM FROM Q-POINT (OPPOSITE TAJ HOTEL) TO BARAPULLA NALLAH THROUGH SUNEHRI PUL NALLAH.

New Delhi Municipal Council (NDMC) has decided to strengthen and upgrade the drainage system from Q-point to Barapulla Nallah for free flow at storm water, for which invites an Expression Of Interest (EOI) from experienced and reputed consultant full-filling the qualification criteria for this work.

### 2. ABOUT THE PROJECT

IIT Delhi has submitted a report for the NDMC drainage system in the year 2013 regarding investigation for the reason of flooding and had given recommendations. Thereafter, in 2022, a report on improvement/modification etc. of junction of NDMC Brick Arch Barrel with SUNEHRI PUL Nallah adjacent to Dayal Singh College at Lodhi Road was given.

The NDMC catchment area feeding the drains to Barapulla Nallah is 1918 hectare or 4738 acres and discharge is 67 cubic mtr./second as per the available data taken from master plan drawing 1976 of the Flood Control Room.

The brick barrels from Q point to DTC depot and drainage from Q-Point to Dayal Singh College point needs immediate de-silting and rehabilitation so as to ensure free flow of storm water to utilize optimum capacity of the drainage to avoid any water logging and flooding in the NDMC/ catchment area.

### 3. SCOPE OF WORK

The scope of work of the Consultant is as follows:-

3.1 The scope of work includes study of existing ground conditions for strengthening, Up-gradation, rehabilitation and augmentation of drainage system from the Q-Point (Opposite Taj Hotel) to Barapulla Nallah through Sunehri Pul Nallah. Moreover, pumping to lift the Storm water at junctions and crossings also requires to be designed for efficient and effective discharge to avoid any water logging in the catchment area, considering the future requirements.

3.2 Study the existing site and carry out the survey to prepare technical data for submission of proposal. i.e. to analyse the inflow reaching at Q-Point from different drainage system and further release into leading two brick arch barrels leading towards Sunehri Pul Nallah outfall into Barapullah Nallah.

3.3 The Consultant shall prepare the conceptual design and arrange approval thereto from the Committee so constituted by NDMC for this work.

3.4 The consultant is required to prepare standards and specifications for feasible solution in such a way that the contractual agency is feasible to execute this work. The consultant shall also take into account the provision of CPWD Manual and relevant provisions of any other

  
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codes/Manuals/ Circulars while preparing the report and outline specifications and standards stated as applicable to this work.

3.5 The proposal shall be submitted and presented before the committee constituted for approval thereto and further submit the drawings and sufficient details to judge the feasibility and constructability of various layouts.

3.6 The Consultant shall be responsible for the accuracy of the physical and ground details, such as alignment of drain and their levels, details of existing structures on the proposal of selected development area, land use details, drainage lines and OFC cables etc., trees and other plantation and access to adjacent properties.

3.7 The Consultant shall provide a complete dimensioned lay out of the proposed work superimposed on the detailed site plan to enable the prospective bidders to execute the work.

3.8 The Consultant shall submit the working drawings i.e. L-section and X-section with detailed estimate including all construction work e.g. Pumping station etc.

4. The scope of consultancy services to be rendered by the Consultant, after taking instructions from the N.D.M.C. shall include the following but not limited to as mentioned below:-

#### **4.1 CONCEPT DESIGN**

4.1.1 Understanding the Departmental requirements, examine site constraints & potential; and prepare a design brief for approval of NDMC.

4.1.2 Study report of this work requirements, drawings and preparation of design pumping structure, external and internal services. Preparation of 2-3 options of Conceptual Designs. Presentation through preliminary drawings sketches, etc. for NDMC approval with preliminary cost estimates for each option.

4.1.3 Study report of all applicable regulations/development guidelines.

4.1.4 Final approved concept design along with all the supporting reports/surveys.

#### **4.2 PRELIMINARY DESIGN AND DRAWINGS**

4.2.1 Modify the conceptual designs and cost estimates incorporating the changes and prepare the final plan including the site use plans after the approval of NDMC.

4.2.2 Project Report including project vision, phasing etc. along with the submission of Conceptual Plan including plans, utilities locations, services and Preliminary Cost estimates.

#### **5.0 WORKING DRAWINGS AND TENDER DOCUMENTS**

5.1 Preparation of detailed design, and layout plan Public Health services and Preparation of detailed structural analysis & structural design calculation of the proposal in consultation with NDMC.

  
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5.2 Preparation of the Design and construction details. Detailed drawings and detailing of all services as per requirements of the NDMC.

5.3 Modification to the Design and Services Design incorporating required changes and prepare final working drawings and plans for the approval of NDMC. Designing the services shall be as per relevant Codes & specifications, as decided by the NDMC.

5.4 Detailed project report, including project data sheet with design criteria.

5.5 All the detailed working drawings supported with sketches. The size and scale of all the deliverables, drawings, to be prepared will be as per the requirement of that particular item, best industry norm and as decided by the NDMC.

5.6 Detailed tender document along with BOQ for inviting tenders, Separate tender document(s) for various components to be covered under O&M beyond the defect liability period as per the time period decided by the NDMC Tender document shall include the Manual of Standards and Specifications.

## 6.0 APPOINTMENT OF CONTRACTORS

6.1 Assist NDMC to invite, receive & analyse tenders and also advice & recommend to NDMC on appointment of contractor(s).

6.2 The firm shall have at least 7 years experience of Planning & Design of storm water drainage system of any Municipal body or city in India.

6.3 The performance certificate of the Planning & Design work duly signed by the Executive head shall be up-loaded as a proof of execution of similar work during the last 7 years.

6.4 The firm shall attach the following documents:-

- i. Brief note regarding the profile of the firm.
- ii. List of Key personnel along with their qualification & experience.
- iii. List of similar projects that have been undertaken during last 7 years from the date of publication of EOI with their total cost along with performance certificate issued by the concerned department/organization.
- iv. List of similar project in hand along with cost of each project.
- v. An affidavit that the consultant has never been black-listed by any Govt./Semi Govt./ Corporation/Pvt. Organization.
- vi. Turnover of the firm during last 5 years.
- vii. Profit and loss account for last 5 years.

## 7. TIME SCHEDULE FOR WORK

Time period is as follows:-

  
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- I. Site survey, planning and submission of the final drawing - 3 months
- II. Submission of detail proposal for this work including BOQ tender document etc. till award of the work – 3 months

For any reasons, for increase in time period of completion of the work, no additional cost will be payable to the Consultant

#### 8 EXPRESSION OF INTEREST DELIVERABLES:

Interested entities are invited to submit their Expression of Interest in the format below:

- 8.1 Covering letter on the company's letterhead.
- 8.2 Contact information of the entity with Email Address, Phone Number, Postal Address of the head office and all branch offices along with name of the representative.
- 8.3 Organization profile including details of incorporation, strength, and constitution.
- 8.4 Names and designation of the heads of the organization and institutional structure.
- 8.5 Audited financial statements for the last 5 years.
- 8.6 Details of the relevant experience including, similar projects i.e. planning & design of Storm Water drainage system either in Government/Private Sector completed nationally/internationally, along with type of designs, concepts, methodologies involved.
- 8.7 Brief plan for the proposed project and documentation as in EOI.
- 8.8 Self Declaration/Undertaking by the bidder.

#### 9. QUALIFICATION CRITERIA

The company should have:

- 9.1 The Applicant should have completed the consultancy assignment/work of **"Eligible/similar Project" in the last 7 years.** Eligible Projects as specified below.
- 9.2 Eligible/Similar Projects: Planning & design of Storm Water drainage system any Municipal body or city in India either in Government/Private Sector, having estimated amount not less than Rs. 10 Crores.
- 9.3 An average minimum financial turnover of **Rs. 50 lacs** from consultancy services over the last 5 years. All the claimed eligible projects should have been executed from the stage of conceptual planning, designing, implementation and completion; where either completed or full fee has been received for Consultancy.

#### 10. PRESENTATION

If the expression of interest format is found to be in order and the company passes the qualification criteria, then it shall be invited to make a presentation to NDMC. No payment will be

  
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made for making presentation and only after selection, the payment is payable as honorarium amounting to Rs. 50,000/- before award of work.

**11. SUBMISSION OF PROPOSAL**

Expressions of Interest to be submitted online mode on e-tender portal of Govt. of Delhi i.e [www.govtprocurement.delhi.gov.in](http://www.govtprocurement.delhi.gov.in).

For any query/ Clarifications on EOI, Project details, applicants may sought through mail Id: [xenr2ndmc@gmail.com](mailto:xenr2ndmc@gmail.com)

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