

**Meerut Development Authority, Meerut**  
**Expression of Interest for Preparation of Detailed Project Report (DPR)**  
**to Supply /Implement Scientific Modular Rain Water Harvesting**  
**System at MDA Building in Meerut**

The Authority invites capable firms with an Expression of Interest for preparation of detailed project Report (DPR) to Supply/ Implement Scientific Modular Rain Water Harvesting System at MDA Building and Places in Meerut. Interested firms should provide the necessary details in format and conditions available on MDA website [www.mdameerut.in](http://www.mdameerut.in).

Advt. No.-/MDA/12 Date 30.09.2015

*Dr. S. K. Singh*

## Meerut Development Authority, Meerut

### Expression of Interest for Preparation of Detailed Project Report (DPR) to Supply/Implement Scientific Modular Rain Water Harvesting System at MDA Building in Meerut.

Meerut Development Authority invites capable Firms with an Expression of Interest for preparation of detailed project report for Supply/Installation/Maintenance of Scientific Modular Rain Water Harvesting System for MDA Building in Meerut. Interested Firms should provide the necessary details in format available on MDA website [www.mdameerut.in](http://www.mdameerut.in) based on which the consultants will be shortlisted. The submission of EOI document shall be accompanied with processing charge of Rs. 5,000/- (Rupees Five thousand only) in the form of a demand draft payable in favour of Vice Chairman, MDA Meerut. Note, the processing charge is non refundable. MDA reserves the right to accept or reject any application without explanation or reason. If the EOI process is cancelled by MDA for administrative or any other reasons, the processing fees shall not be refunded.

The shortlisted Firms will be issued RFP (Request for Proposal) documents and provided 15 (fifteen) days from the issue date of RFP documents to submit the bids. The RFP invitee will be based on QCBS (Quality and Cost Based Selection). Detailed scope of work and terms of reference shall be provided in the RFP. If required, a pre-proposal conference will be organized after issue of RFP, to discuss and make changes to the RFP document. Any communication should be through Email/Fax/RPAD to the person and address i.e. *Superintending Engineer-II Meerut Development Authority Meerut, Ph. 0121-2649198, 2641910, Fax No. 0121-2640911, Mob. 09412784155 Email:mdameerut@rediffmail.com*. EOI shall be submitted by Registered/Speed Post only before 15<sup>th</sup> October, 2015 to the address mentioned above Any EOI received after due date shall be returned unopened. MDA shall not responsible of late delivery of EOI.

#### Minimum Eligibility Criteria-

- The company should be registered with competent Authorities.
- The company should be in consultancy business for last 05 years.
- The company should be making net profit for last 3 years.
- The company should have completed minimum one similar nature of work costing Rs 01 crore during last 3 years.
- A copy of the DPR such as provided in soft copy (PDF format) for reference, if required.

#### Brief Description of the Project

##### About Meerut City

The district was established under British rule in 1818 and on establishment constituted the then Tehsils of Meerut, Ghaziabad, Mawana, Baghpat, Sardhana and Hapur.

Meerut district lies between 28°57' to 29°02' North latitude and 77°40' to 77°45' East longitude in the Indo-Gangetic plains of India. It is bound on the north by Muzaffarnagar district, in the south by Bulandshahar district while Ghaziabad and Baghpat districts form the southern and western limits. The river Ganges forms the eastern boundary and separates the district from Moradabad district and Bijnor district.

Due to its location & setting, nearness to the National capital and rich agricultural activity in the surrounding region, Meerut city presently acts as a major distribution centre for the diverse agriculture produce such as sugarcane, food-grains etc. It is the largest manufacturer of Musical Instruments in the country and is also one of

the largest suppliers of sports goods. There is several large scale industries located in Meerut including Sugar Mill, Spinning Mill, Auto- Tyre factory, Fibre Board industry etc. and a lot more. It is well known for its Sweet shops, Scissor and Razor manufacturing, Handloom Printing and Dying and is an emerging centre for Jewellery Designing.

The city being the largest urban centre in the NCR, in terms of population after Delhi, holds a unique place and importance as the potential recipient of spill over activities from Delhi.

Meerut is a rich agricultural area with such pockets of land that do not fit in for crop purpose. Being in the proximity of Delhi, it is ideal for industry. It is home to 520 Micro, 3 Small and Medium Scale industries and plays a significant role in MSME revolution. As of August 2006, Meerut has about 23,471 Industrial units, including 15,510 Small-scale units and 7,922 Cottage industries.

In spite of the various facts highlighting the importance of the Meerut city in the region, it faces challenges of unplanned and organic growth. Infrastructural deficits in almost all the sectors coupled with an un-proportionately large poor class population limit the growth potential of the city. However the city holds potentials that are inherent in its character; such as a vibrant Trade and Commerce sector and Cottage industry, the rich Agricultural land and favourable Geographical conditions around the city areas, numerous Higher Education Institutes, availability of adequate skilled and semi skilled work force, proximity to Delhi etc.

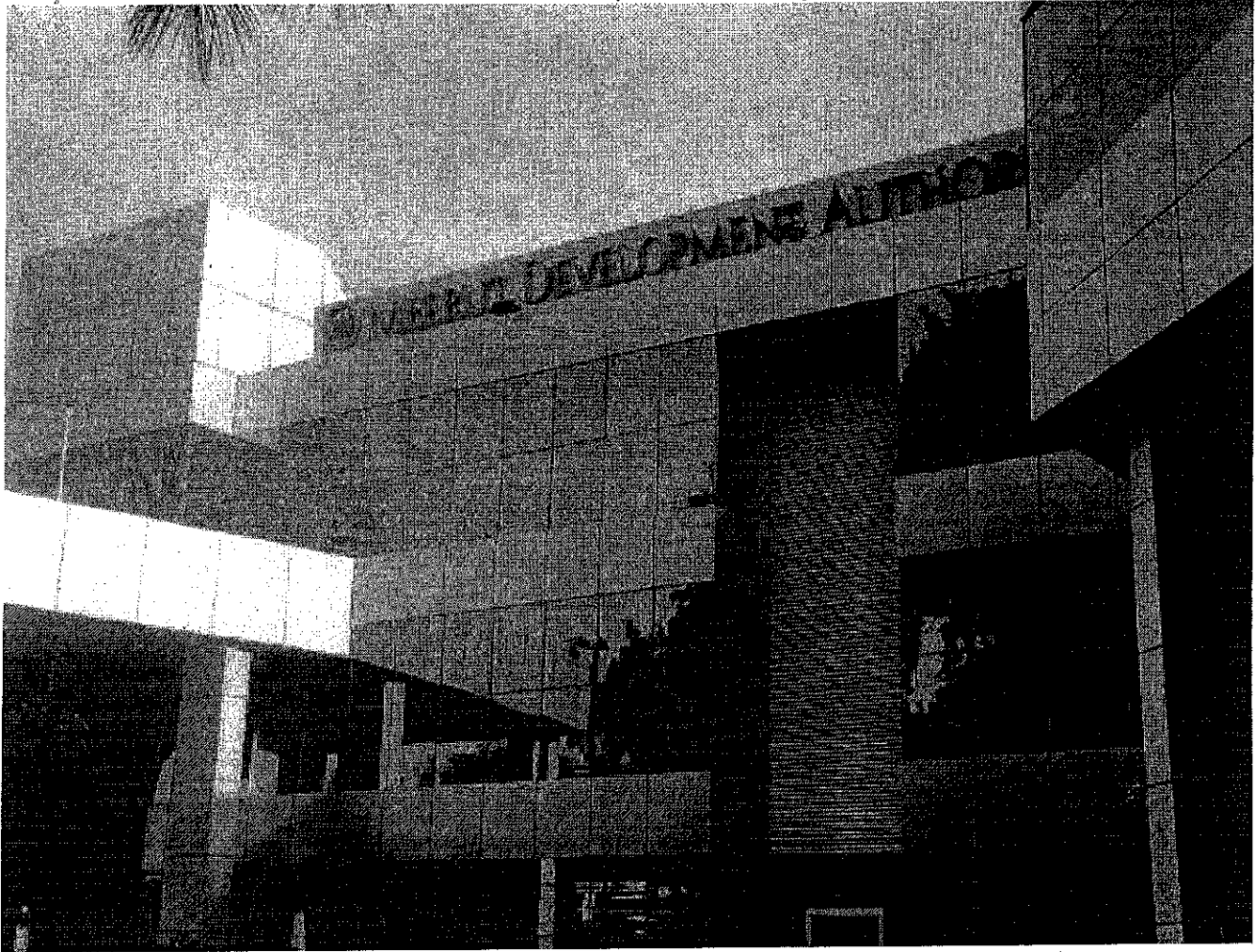
In addition to the stated strengths of the city, the proposed decentralization of NCT via the NCR formation and resultant spill over of activities should be a major factor in giving a boost to the city's future.

AS per 2001 census the city of Meerut has attained the status of a metropolitan city.

Meerut is among one of the city selected under JNNURM scheme **and most probably, will be a SMART CITY in coming days, if selected by GOVERNMENT OF INDIA.**

## Existing Scenario

### Meerut Development Authority Building



**The proposed site is MEERUT DEVELOPMENT AUTHORITY BUILDING, situated at Civil Lines, near Collectorate, Meerut.**

Meerut Development Authority (MDA) is the principal agency of the Government of Uttar Pradesh responsible for taking ahead the tradition of planned and sustainable development of Meerut.

Meerut Development Authority is responsible for preparation and implementation of master plan for the city. It takes up infrastructural and basic amenity development for Meerut besides environment conservation and development of rural areas around the mother city.

The aims and objectives of Meerut Development Authority are far reaching both in their short term and long term planning. The Meerut Development Authority plans to reduce population congestion is primary objective. A plan to have restricted individuals per hectare has been proposed. With the purpose of limiting the population of Union Territory of Delhi and maintaing a steady pace of development, national capital region has been conceptualized with parts of Haryana, Rajasthan and U.P. with Delhi being at the centre.

**Tentative SCOPE OF WORK for the work of Supply/Installation/Maintenance of Scientific Modular Rain Water Harvesting System for MDA Building in Meerut**

Sr. No.	Items
1	Earth work excavation with JCB/ excavators in all the types of soil and with a lift up to 2 meters.
2	Material for base work (gravel/stone chips and double washed river sand). In this; 30 mm of stone chips and 60 mm of sand should be used. The material is calculated by using (l*b*.3) with 20% extra.
3	Soil disposal- Disposal of extracted soil from the site to inside the boundary walls of the building up to a maximum distance of 1.5 km.
4	Liner is used for storage of water.
5	Geo textile: - To avoid invasion of soil, provide stability to the tank, and improve quality of water within the tank with tensile strength.
6	Modular modules material. Combination of Large and Small Plates with inbuilt interlocking is used for making tanks in any shape and size. It is made up of recycle polypropylene.
7	Backfilling of the area constructed in and around after compacting them properly.
8	LifeRain™ filter which is capable of removing solids.
9	Recharge wells including drilling by reverse rotary machine having large dia of 12" with casing of 6" blind pipe and 6" slotted pipes for depth of 30 meters. It also includes bell plug at the bottom to prevent clogging and end cap at the top with slots to prevent external particle enter inside but is also acting as air vent. During the casing, it includes clamp to hold the casing and help for settlement. The empty area between bore and casing is fully filled up with pea gravel till bottom which act as filtration media and prevent clogging of bore. Slotted pipes need to be inserted in sandy strata so that percolation rate is high and blind pipe needs to be inserted in other areas.

**Expression of Interest (EOI) Consulting Firms**

Interested firm may submit EOI information as per format indicated below

**I. Consulting Firm Information**

**Firm's Name:**

EOI Submission by : *Kindly mention Name of Authorized person with Designation here*

**Firm's name :**

**Joint Venture (JV) or Sub-consultant with, if any : *Kindly mention Associated Firm/Company's name or simply write NOT APPLICABLE***

**Associations as Joint Venture or Sub-consultancy :**

Kindly write down in brief, the necessity and benefits for working in association in Joint Venture or as Sub-consultant, if any, with others firms, rather than undertaking the assignment indigenously.

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Also, kindly mention in brief, the proposed roles and duties with coordinated approach of the association.

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I confirm that: Necessary Documents has been attached and self attested, if any.

*Signed with Full Name, Designation and date  
Kindly place Firm's Seal*

A written agreement to associate for the purpose of this Expression of Interest has been signed between the consortium partners and has been attached.

Once your team is shortlisted and invited for submission of the Proposal, it is not permissible to transfer the invitation to any other firm, such as Consultant's parent companies, subsidiaries and affiliates. M.D.A. will reject a Proposal if the Consultant drops a Joint Venture member without the M.D.A.'s prior consent, which is given only in exceptional circumstances, such as debarment of the Joint Venture partner or occurrence of Force Majeure.

**II. Assignment Specific Qualifications and Experience which shows your Expression of Interest shall demonstrate Technical Competence to do this work.**

**A. Technical Competence :**

Cross-referencing from your profile's projects in Section C. Project References will highlighting the Technical qualifications of your entity / Consortium in undertaking similar assignments.

Kindly provide details of past experiences working with similar project authorities, if any.

**B. Management Competence (Please answer each question in one paragraph of 3-5 sentences)**

1. Describe standard policies, procedures, and practices that your entity has to assure quality interaction with clients and outputs. Please state if your company is ISO certified.

2. How will your firm/consortium handle complaints concerning the performance of experts or quality of the reports submitted for this assignment? What internal controls are in place to address and resolve complaints?

3. How will you ensure the quality of your firm's/consortium's performance over the life of this assignment?

4. Describe standard policies, procedures and practices that your firm has put in place to avoid changes/replacements of personnel and to ensure the continuity of professional services once contracted.

5. Describe what social protection practices you have in place to safeguard the well-being of your proposed experts? Specifically describe arrangements you have in place for medical, accident, and life insurance coverage during the assignment.

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**C. Project References :**

Please select most relevant projects to demonstrate the firm's technical qualifications (max. 05 projects).

S. No.	Project	Period	Client
1			
2			
3			
4			
5			

Kindly attach separate sheets for Project Summary, in serial, if required.

**III. EOI Attachments**

1. Certificate of Incorporation of the JV member, if any (for each member).
3. Certificate of Incorporation of the Sub-Consultant, if any (for each sub-consultant).
4. Letter of Association, if any.
5. Certificates from JV firms, if projects mentioned in references are completed under JV.
6. Soft copy of atleast one DPR of eligible project in pdf format.