

Ganga Pollution Control Unit, U.P. Jal Nigam,
Allahabad.



Expression of Interest

for

**Treatment of drains by bio remediation or any other non-
conventional innovative and proven technologies**

for Kumbh Mela 2019

Issued by: The General Manager, Ganga Pollution Control Unit, U.P. Jal Nigam, Allahabad.

नियंत्रक 532-2684691, Mob. No. 9473942672

DISCLAIMER

This Expression of Interest (Eoi) for "Treatment of drains by bio remediation or any other non conventional innovative technologies for Kumbh Mela 2019" ('the Project') contains brief information about the Project and scope of work for the prospective Applicant. The purpose of Eoi is to provide the Applicant with information to assist the formulation of their response.

While all efforts have been made to ensure the accuracy of information contained in this Eoi document, this document does not contain all the information required by the Applicant. The Applicant are encouraged to conduct their own independent assessment, investigations and analysis and check the reliability, accuracy and completeness of the information at their end and obtain independent advice from relevant sources as required before submission of their response. The General Manager, Ganga Pollution Control Unit, U.P. Jal Nigam, Allahabad and any of its employees or advisors shall incur no liability under any law, statute, rules or regulations as to the accuracy or completeness of the Eoi document.

The General Manager, Ganga Pollution Control Unit, U.P. Jal Nigam, Allahabad reserves the right to change any or all conditions/ information set in this Eoi document by way of revision, deletion, updating or annulment through issuance of appropriate addendum as the General Manager, Ganga Pollution Control Unit, U.P. Jal Nigam, Allahabad may deem fit without assigning any reason thereof.

The General Manager, Ganga Pollution Control Unit, U.P. Jal Nigam, Allahabad reserves the right to accept or reject any or all applications without giving any reasons thereof. The General Manager, Ganga Pollution Control Unit, U.P. Jal Nigam, Allahabad will not entertain or be liable for any claim for costs and expenses in relation to the preparation of the applications to be submitted in terms of this EOI Document.

Table of contents

DISCLAIMER	2
Table of contents.....	3
1 Invitation for Expression of Interest	4
2 Key Instructions	4
3 Introduction	5
4 Scope of Work	6
5 Desired Experience	9
6 Registration details	9
7 Details of Technology Provider if any	9
8 Resolution of Board of Directors in case of company	9
9 Solvency / Networth	9
10 Turnover	9
11 Declaration	9
12 Formats for Submission	9

1 Invitation for Expression of Interest

Kumbh is one of the world's largest religious gathering and is held on a rotational basis in either of the four riverside towns of Haridwar, Allahabad, Nasik and Ujjain. The MahaKumbh is held every 12 years and the Kumbh is being organized every 6 years at Prayag (Allahabad). The last MahaKumbh took place in 2013 which was attended by an estimated 10 crore people over a two-month period. The next Kumbh is scheduled to be held in Allahabad in 2019.

The H'ble Chief Minister of Uttar Pradesh has declared that the Kumbh2019 at Allahabad shall be the most memorable event for pilgrims and has given the vision of 'DivyaKumbh, BhavyaKumbh' and has instructed that no drain without treatment meets the Holy Ganga.

Kumbh is managed by a special team of officials deployed for Mela management under the Prayagraj Mela Pradhikarak. The General Manager, Ganga Pollution Control Unit, U.P. Jal Nigam, Allahabad is keen to realize the vision of the Hon'ble CM and invites Expression of Interest (Eoi) for bidders/firms/manufacturers/Technology providers who can successfully deliver "**Treatment of drains by bio-remediation or any other non conventional innovative technologies for Kumbh Mela 2019**" ('the Project'), under the supervision of State Mission for Clean Ganga, earliest while SGRCA through its APD (Authority).

Interested Applicants can download the document from the U.P. Govt's e-procurement website i.e. <https://etender.up.nic.in> and submit their "Expression of Interest" in the formats duly filled and signed with required enclosures online on the same website and also in a sealed envelope super scribed "**Treatment of drains by bio remediation or any other non conventional innovative technologies for Kumbh Mela 2019 for duration of 4 months**" at the "Office of General Manager, Ganga Pollution Control Unit, U.P. Jal Nigam, Allahabad.

2 Key Instructions

Interested Applicants should make note of the following key points:

- ▶ This Eoi invitation document is not a Tender or Request for Proposal in any form and would not be binding on the General Manager, Ganga Pollution Control Unit, U.P. Jal Nigam, Allahabad in any manner whatsoever.
- ▶ The General Manager, Ganga Pollution Control Unit, U.P. Jal Nigam, Allahabad reserves the right to cancel the Eoi invitation as a whole or in part without assigning any reasons.
- ▶ The Applicants are encouraged to conduct their own independent assessment, investigations and analysis and check the reliability, accuracy and completeness of the information at their end and obtain independent advice from relevant sources as required before submission of their response.
- ▶ The General Manager, Ganga Pollution Control Unit, U.P. Jal Nigam, Allahabad reserves the right to update, amend and supplement the information given in this document at its sole discretion before the last date and time of submission of the responses.
- ▶ Applicants should submit their response in English language and as per formats provided in the last section of this document. Submission not conforming to the instructions or prescribed formats will be rejected.

- ▶ APD, State Mission for Clean Ganga, earliest while SGRCA, shall be the final authority, whose decision shall be final and binding on both parties.

The key dates and information for the Project are as below:

Address for submission of EoI	The General Manager Ganga Pollution Control Unit, U.P. Jal Nigam, Naini, Allahabad 211006, Mb. No. 9473942672, Email: gmganga.allahabad@gmail.com
Last date for submission of EoI	29.09.2018
Conference for conceptual presentation on technology	03.10.2018
Contact details for clarification	The General Manager, Ganga Pollution Control Unit, U.P. Jal Nigam, Allahabad Email: gmganga.allahabad@gmail.com, M: 9473942172
Last date of receipt of query	25.09.2018
Date for upload of document	11.10.2018
Opening of financial bid	10.11.2018

3 Introduction

General Manager, Ganga Pollution Control Unit, U.P. Jal Nigam, Allahabad intends to engage a private entity who may be a contractor/firm/manufacturer/Technology provider to provide methodology for treatment of drains by Bio Remediation or any other innovative process at Allahabad, Pratapgarh & Raibareilly during the Kumbh Mela 2019.

Kumbh is the largest religious gathering in the world of Hindu pilgrimage of faith to bath at Sangam, Allahabad - the meeting points of three rivers: the Ganga, the Yamuna and the mythical Sarasvati. 12 crore visitors from 75 nationalities are anticipated to be present of this mammoth event to be held from 14th January to 3rd March 2019.

List of key events and anticipated visitors is provided below:-

#	Key Bathing days	Estimated Visitors
1	Makar Sankranti	120 Lakhs
2	Paush Purnima	55 Lakhs
3	Mauni Amawasya	300 Lakh
4	Vasant Panchami	200 Lakhs
5	Maghi Purnima	160 Lakhs
6	Maha Shivratri	60 Lakhs

4 Scope of Work

The scope of work would include the following:-

S.No.	Work Description	Tentative number
1	Supply of bacteria or other materials required as per technology with all T&P for Biological or other treatment of drains including supply and installation of V-notch & regular measurement of discharge, sample testing for before and after treatment.	number of drains with average discharge ranging up to 25 MLD for 4 months
2	Preparation of dozing or input material and its application at drains located at different places during mela period.	As above
3	Construction of Bund at sections of drains for ponding and fixing of screens and its maintenance for mela period.	job
4	Spreading of odour control remedies at select locations	job
5	Sludge removal & its safe disposal	job
6	Solids/Floating material removal & its safe disposal	job
7	Routine testing and its publication in daily newspapers.	job
8	Third party testing.	job

List of Drains

S.No	Description of Work	Location	Discharge	Unit
1	Bhairoghat	Farrukhabad	4.00	MLD
2	Pucca pul	Farrukhabad	8.00	MLD
3	Tokaghat	Farrukhabad	10.00	MLD
4	Bargadia Drain	Fatehgarh	2.00	MLD
5	Ganga Vishu Drain	Shuklaganj	2.00	MLD
6	Indira Nagar Drain	Shuklaganj	2.00	MLD
7	Padva Nala	Dalmau	1.00	MLD
8	Ganda Nala Baraipur	Kunda	1.50	MLD
9	Shilwara	Manikpur	5.00	MLD
10	Mawaiya Nala	Allahabad	25.00	MLD
11	Maheva Ghat Drain No. 1	Allahabad	0.50	MLD
12	Maheva Ghat Drain No. 2	Allahabad	1.00	MLD

13	Arail Drain	Allahabad	3.00	MLD
14	Sachcha Baba Drain	Allahabad	1.00	MLD
15	Co-operative Drain	Allahabad	0.30	MLD
16	Basana Nala	Allahabad	2.50	MLD
17	Indira Awas Nala	Allahabad	1.00	MLD
18	Shantipuram Nala	Allahabad	4.00	MLD
19	Nala from Amitabh Bachchan Culvert	Baghada	10.00	MLD
20	Sadiyapur Drain	Dariyabad	3.00	MLD
21	Kakraha Ghat	Meerapur	2.00	MLD
22	Bargad Ghat	Meerapur	4.00	MLD
23	Jogi Ghat	Meerapur	2.00	MLD
24	Peepal Ghat	Dariyabad	2.50	MLD
25	Baluwa Ghat	JCC Back Side	2.50	MLD
26	Gate No. 9	Yamuna Bank	5.00	MLD
27	Gate No. 13	Yamuna Bank	4.00	MLD
28	Old G.T. Road Nala (Jhunsi)	Jhunsi	3.00	MLD
29	Savitri Nagar Bazar (New Jhunsi)	Jhunsi	3.50	MLD
30	Savitri Nagar (New Jhunsi)	Jhunsi	3.00	MLD
31	Kriya Yog Ashram	Jhunsi	2.50	MLD
32	Primary School, Ulta Kila (Jhunsi)	Jhunsi	2.00	MLD
33	Lakadiya Nala	Jhunsi	4.50	MLD
34	ADA Drain	Allahabad	2.910	MLD
35	Tv Tower Nala	Allahabad	2.45	MLD
36	Sadar Bazar Nala	Allahabad	3.67	MLD
37	Muirabad (Ganesh Nagar) Nala	Allahabad	1.22	MLD
38	Nayapurwa Drain	Allahabad	0.10	MLD
39	Chilla Drain	Allahabad	3.60	MLD
40	Mansahita Nala	Allahabad	10	MLD

41	Havelia Nala	Allahabad	6	MLD
42	Rasulabad Ghat Drain-1	Allahabad	3.5	MLD
43	Rasulabad Ghat Drain-2	Allahabad	4.5	MLD
44	Jwala Devi Drain	Allahabad	4	MLD
45	Mehdauri Nala	Allahabad	2	MLD
46	Rajapur Nala	Allahabad	30	MLD
47	Shivkuti Drain-1	Allahabad	3	MLD
48	Shivkuti Drain-2	Allahabad	2.5	MLD
49	Karela Bagh Drain	Allahabad	0.6	MLD
50	Ghaghar Nala-1B (Yamuna Devi Mandir)	Allahabad	4	MLD
51	Ghaghar Nala-1A-1 (Shastri Nagar)	Allahabad	3	MLD
52	Ghaghar Nala-1A (Shastri Nagar)	Allahabad	4	MLD
53	Dariyabad Katehghat Nala	Allahabad	2	MLD

Evaluation criteria of Bio remediation of drains during demonstration period under normal condition.

S.No.	Parameters	Influent	Required Effluent
1.	BOD _{3,27} (Biochemical Oxygen Demand) of filtered sample	≤ 250 mg/l	≤ 30 mg/l
2.	COD (Chemical Oxygen Demand) of filtered sample	≤ 350 mg/l	≤ 100 mg/l
3.	TSS (Total suspended Solids)	≤ 400 mg/l	≤ 50 mg/l Or 75% reduction in TSS load value from the initial reading
4.	FC (Fecal Coliform)		2500 MPN/100 ml
5.	pH	6.5	6.5-9.0

Note :- 1. Above items of work may change as per technology.

2. BOQ can be proposed suitable to technology.

3. Duration for treatment and O&M – 4 months (from 01.12.2018 to 31.03.2019)

5 Desired Experience

For determining the eligibility, the Applicant has to fulfil both the technical and financial capability defined hereunder.

Technical capability:

S.No.	Criteria	Documents to be submitted
1	The Applicant should, within last 5 years preceding the EOI Application Due Date, should have proven experience of having successfully completed similar projects. 1. The experience cited could include experience of Applicant's ultimate parent or ultimate parent's current subsidiary. 2. The applicant may be a firm/contractor/manufacturer or technology provider.	Contracts / Work Orders for experience cited and Certificate of successful completion of the event for the events mentioned in Form-2
2	The Applicant should be either an existing Firm registered in UPJN or company registered in India under the Company Act, 1956 or should be eligible to register as a company to carry out stated activities, should the Applicant be selected.	Certificate of Incorporation / Registration
3	Applicant may be a single entity or a Consortium of a maximum of 3 (three) members.	
4	All that firms/contractor who has success fully completed Pilot projects (>1 mld) and demonstrated satisfactory performance may also participate performance certificate issued by competent authority not below the rank of General Manager/Superintends Engineer of U.P. Jal Nigam or other organizations shall be accepted.	
5	Interested firms may also conduct pilot projects at their own cost from 15 th Sept. to 10 th Oct. 2018 to demonstrate and prove their innovative technology.	

Financial capability:

S.No.	Criteria	Documents to be Submitted
1	The Applicant should have average annual turnover in the last three (3) years should be at least INR 30 Lakh and minimum turnover should be INR 20 Lakh in the last three years.	Audited/Certified Annual Financial Statements and Annual Report for the last three financial years and Certificate from the Statutory Auditor
2	The Applicant should have a positive net worth in at least three (3) out of the last five (5) financial years.	
3	New firms can also apply provided that they demonstrate and prove their innovative technology during pilot project and have financial capability to carry out the project.	Supporting document

- ▶ In case of a consortium, it shall comply with the following:
 - Turnover criteria to be met by Lead Member
 - Number of members in a Consortium should be limited to 3 (three)
- ▶ In case of a Technology provide, it shall comply with the following:
 - Turnover criteria to be met by Lead Member

- Technical expertise shall be that of Technology provider, who will guarantee the successful completion of treatment and project as a whole.
- In case of manufacturers affidavit to guarantee the work done will be required from the manufacturers.
- ▶ At this stage, the Applicant may or may not declare the complete nature of the consortium but at the proposal stage preference would be given to Applicant that can collectively demonstrate experience in projects of similar nature.
- ▶ The Applicants will assess on technical and financial capabilities.

6 Formats for Submission

Form 1: Information about the Applicant

A: GENERAL INFORMATION *(in case of a Consortium details to be filled for all parties)*

i. Details of the Applicant

- Name of Applicant: _____
- Address: _____
- Tel No. (with code): _____
- Contact person: _____
- Name and Designation: _____
- GSTN _____
- Address, Telephone No. and Email address:

ii. Type of Company: [with supporting documents]

iii. Date of incorporation with documentary evidence (or equivalent certificate):

iv. Registration detail of firm with documentary evidence (or equivalent certificate):

v. Brief description of the entity, organization structure and business.

B: FINANCIAL INFORMATION *(in case of a Consortium details to be filled for the Lead member)*

Please provide with financial details about the Applicant along with necessary supporting documents. Annuals reports for the last three (3) years must be attached to the response. Along with that please provide financial information in the following format:

Year	Annual Turnover

On Behalf of (Name of the Applicant)

Signature of the Authorized Person

Name:

Designation:

C: PROFIT AND LOSS ACCOUNT - Audited By C.A.

D: MANUFACTURER'S AUTHORISATION