



**//Expression of Interest (EOI)//**

Uttarakhand Peyjal Nigam intends to implement a project "In-Situ Treatment of Drains joining river Ganga using innovative Technologies" under the "Namami Gange programme ". As part of this programme, it envisages to treat drains carrying domestic wastewater joining river Ganga to achieve water bodies discharge quality criteria of CPCB for all major parameters by innovative & effective technology. Expression of interest (EOI) is invited from interested parties/firms to present their technological suitability, feasibility, financial and limiting conditions. The outcome of the technology proposed should clearly mention tentative cost towards monitoring, installation, operation and maintenance of the system, which would be reimbursed after completion of free trial period of one month or as proposed by the project proponent whichever is more and assessment of its performance by the committee. The initial assignment will be for the un tapped drains on the main stem of river Ganga in Uttarakhand. Detailed EOI notice, scope of work, other qualifications and terms & conditions may be downloaded from 01-06-2018 1200 IST to 21-06-2018 1700 IST at website [www.peyjal.uk.gov.in](http://www.peyjal.uk.gov.in) . The last date of submission of Expression of Interest is 28.06.2018 up to 1200 IST in this Office.

Interested parties/firms may submit 'Expression of Interest' in a sealed envelope clearly super scribed as "In-Situ Treatment of Drains joining river Ganga using innovative Technologies" under the "Namami Gange programme ".

  
**(KK Rastogi)**  
**General Manager**

Endt. No. and date as per above

Copy to followings for information and necessary action: -

1. Program Director, SPMG, Namami Gange, Dehradun. <spmgnrba.utk01@gmail.com>
2. Managing Director, Uttarakhand Peyjal Nigam, Dehradun. <mdpeyjalnigam@gmail.com>
3. Chief Engineer (HQ)/ Garhwal/ Kumaon, Uttarakhand Peyjal Nigam, Dehradun/ Pauri/ Nainital. <cehqsvnn@gmail.com>
4. GM (Admin) UKPJN Dehradun for uploading at official web site. <gmadm.ukpjn@gmail.com>
5. Project Manager, C&MU(Ganga), UKPJN Rishikesh / Haridwar/ Gopeshwar/ Srinagar/ Uttarkashi/ PM Mechanical, C&MU(Ganga), UKPJN Haridwar for information and for putting on office notice board. (Thru Email).

  
**General Manager**

# **UTTARAKHAND PEY JAL NIGAM**

**UNDER THE NAMAMI GANGE PROGRAM**

**NOTICE INVITING PROPOSALS**

**FOR**

**EXPRESSION OF INTEREST (EOI) FROM ORGANISATIONS / FIRMS**

**FOR**

**IN SITU TREATMENT OF THE DRAINS JOINING RIVER GANGA  
THROUGH INNOVATIVE TECHNOLOGY**

**LAST DATE FOR SUBMISSION: June 28, 2018, Upto 12:00 hrs**

**TO BE SUBMITTED TO:**

**GENERAL MANAGER  
CONSTRUCTION CIRCLE (GANGA)  
UTTARAKHAND PEY JAL NIGAM  
JAGJEETPUR, HARIDWAR 249408**

**NOTICE INVITING PROPOSALS  
FOR  
EXPRESSION OF INTEREST (EOI) FROM ORGANISATIONS/FIRMS FOR  
IN-SITU TREATMENT OF THE DRAINS JOINING RIVER GANGA THROUGH  
INNOVATIVE TECHNOLOGY**

कार्यालय महाप्रबन्धक  
निर्माण मण्डल (गंगा)  
उत्तराखण्ड पेयजल निगम  
जगजीतपुर, पोस्ट-कनखल  
हरिद्वार-249408



**Office of General Manager  
Construction Circle (Ganga)  
Uttarakhand Peyjal Nigam  
Jagjeetpur, Post-Kankhal  
Haridwar- 249408**

Email:-gmgangahw@gmail.com

Letter No. 1727 / A-15 / 23 date 29-05-2018 Through -  
Email/Post

**//Expression of Interest (EOI)//**

Uttarakhand Peyjal Nigam intends to implement a project "In-Situ Treatment of Drains joining river Ganga using innovative Technologies" under the "Namami Gange programme ". As part of this programme, it envisages to treat drains carrying domestic wastewater joining river Ganga to achieve water bodies discharge quality criteria of CPCB for all major parameters by innovative & effective technology. Expression of interest (EOI) is invited from interested parties/firms to present their technological suitability, feasibility, financial and limiting conditions. The outcome of the technology proposed should clearly mention tentative cost towards monitoring, installation, operation and maintenance of the system, which would be reimbursed after completion of free trial period of one month or as proposed by the project proponent whichever is more and assessment of its performance by the committee. The initial assignment will be for the un tapped drains on the main stem of river Ganga in Uttarakhand. Detailed EOI notice, scope of work, other qualifications and terms & conditions may be downloaded from 01-06-2018 1200 IST to 21-06-2018 1700 IST at website [www.peyjal.uk.gov.in](http://www.peyjal.uk.gov.in) . The last date of submission of Expression of Interest is 28.06.2018 up to 1200 IST in this Office.

Interested parties/firms may submit 'Expression of Interest' in a sealed envelope clearly super scribed as "In-Situ Treatment of Drains joining river Ganga using innovative Technologies" under the "Namami Gange programme ".

  
**(KK Rastogi)  
General Manager**

**CHECK LIST FOR SCRUTINY OF THE PROPOSALS INVITED AGAINST  
ROLLING EXPRESSION OF INTEREST**

S. N.	Documents Submitted	Status
1.	Company details such as, Name, Address, Contact details submitted	Yes/No
2.	Year of establishment of the firm furnished	Yes/No
3.	Nature of the Company[ Public/Private Ltd./Private/Joint Venture etc. Furnished	Yes/No
4.	Name of the Directors/Partners/JV furnished	Yes/No
5.	Registration details with Tax authority furnished	Yes/No
6.	Audits Balance Sheet with the profit & Loss statement for last 3 Years furnished	Yes/No
7.	Area/nature of relevant experience furnished	Yes/No
8.	Declaration in prescribed format furnished	Yes/No
9.	Drain Selected	Yes/No
10.	Technology proposed and details thereon with respect to the drain selected	Yes/No
11.	Cost per MLD quoted or not	Yes/No
12.	Period of free demonstration quoted or not	Yes/No
13.	Time required for to start the work and completion time mentioned	Yes/No
14.	Space required for the technology mentioned.	Yes/No

## **EXPRESSION OF INTEREST (EOI) FROM ORGANISATION FOR IN-SITU TREATMENT OF THE DRAINS JOINING GANGA THROUGH INNOVATIVE TECHNOLOGY**

### **1.0 NOTICE INVITING APPLICATION FOR EOI**

Uttarakhand Pey Jal Nigam under the Namami Gange Program request/invite the interested parties/Institutions/Agencies/Firms to submit their Expression of Interest for **'In-Situ Treatment of the drains joining River Ganga through Innovative Technologies'** along with the following information. The above information may be submitted to General Manager, UKPJN.

### **1.1 OBJECTIVE OF THE ASSIGNMENT:**

EOI is invited from the reputed organization for in-situ treatment of the un-tapped drains joining river Ganga in Uttarakhand through their innovative, eco-friendly technologies such as Bioremediation; to restrict sewage, domestic and industrial waste reaching River Ganga. Proposals are for the treatment of drains joining river Ganga and carrying wastewater so as to achieve water bodies discharge quality criteria of CPCB for all major parameters by innovative & effective technology other than conventional technology. Drains specific proposals (drains may be selected from the list provided in Annexure VII of EOI document available on containing all technical (format given at annexure VI) details of technology as well as cost details on per KLD basis (recurring & non-recurring) may be submitted along with the proposal.

Proposal to treat the drains by installing innovative in-situ treatment technologies may propose to install their treatment technology at their own cost initially for one year to establish the effectiveness and once the efficacy is established by the committee set up for its evaluation, UKPJN may decide to reimburse the actual cost from third month onwards including the establishment cost on plant & machineries etc. In case the proposed technology and the treatment system setup by the firm is not found upto the mark by the evaluation committee, no reimbursement shall be allowed and the

firm will have no right/ claim for getting any reimbursement in full or part thereof.

1.0 The details of eligibility and selection criteria is mentioned below

### 1.1 ELIGIBILITY CRITERIA:

The prospective agencies will be selected based upon the following criteria:

- ❖ Both national and international organizations with registered office in India of their own or managed by their authorized representatives.
- ❖ At least 3-5 years experience in relevant field through innovative eco friendly technology without the alteration of natural ecosystem.
- ❖ The net worth of the organization need to be at least Rs. 3.0 Cr. and annual turnover/project handling capacity at least Rs 2.0 Cr.

### 1.2 SELECTION CRITERIA

The projects will be evaluated by the committee, which will give weight to innovativeness, prior experience of such work, financial sustainability of the firms and interest to undertake the projects at their own cost for a minimum time period with respect to effective results in all major parameters.

### 1.3 FUNDING PATTERN:

The project shall be implemented through 100% funding from Namami Gange Programme; Payments will be on claim basis/reimbursement of the actual cost of experimentation beyond free trial period in accordance with guidelines on the subject.

#### 1.4 MONITORING MECHANISMS

The pilot project will be monitored as per the monitoring protocol devised principally by UKPJM in consultation with UEPPCB & other institutions.

#### 1.5 SUBMISSION OF APPLICATION:

The complete document for the EOI (1 original and 2 copies) shall be submitted to General Manager, UKPJM; who reserves the right to accept the EOI in full or in part or reject summarily or partly without assigning any reason(s) thereof.

#### 1.6 Query addressable

Any query related to EOI may be submitted in writing on by email <gmgangahw@gmail.com> latest by 15.06.2018.



# **TERMS AND CONDITIONS**

UKRAIN

## 2.0 TERMS AND CONDITIONS

- 2.1 Applications form for EOI shall be submitted in a sealed envelope super scribing there on 'Application for expression of Interest from organizations/firms for in-situ treatment of the drains carrying effluents to river Ganga.'
- 2.2 The application should be submitted strictly in the prescribed format along with the supporting documents.
- 2.3 The application shall be signed by the authorized signatory of the organization/firm.
- 2.4 If the space in the application is insufficient for furnishing the full details, the applicant may give the details on separate sheets.
- 2.5 Application containing false and / or incomplete information is liable to rejection.
- 2.6 If any information or details furnished by applications are found false at any time in future, the empanelment of such applicant will be cancelled immediately.
- 2.7 The applicant should sign each page of the application.
- 2.8 Overwriting should be avoided. Correction, if any, should be made neatly by crossing out, initializing, dating and rewriting.
- 2.9 UKPJM may decide to approach/visit the organization's clients to verify organization's general reputation/competence.
- 2.10 Documentary proof with respect to the details furnished in the application form regarding relevant experience shall be furnished along with the application form. With regard to the completed works, copies of the work order and completion certificate should be submitted.
- 2.11 Decision of the General Manager, UKPJM, in short listing of the organization/firm will be final and binding and no further correspondence will be entertained, organization shortlisted will be informed by post.

2.12 Detailed proposal will be accepted from the shortlisted firms only.

2.13 One firm/ agency shall submit proposals for a minimum of four number of drains (three from hills and one from plains) from the list of drains provided at Annexure VII.

2.14 The applicant is required to visit the drains and ascertain the actual condition at site for which they intend to submit their proposal. No cost will be reimbursed towards this.

2.15 The applicant should ensure that the application is delivered at the given address within the prescribed date and time mentioned in the advertisement.

2.16 The General Manager, UKPJM reserves the right to accept or reject any or all the EOIs submitted in response to this advertisement without assigning any reason thereof.

UKPJM

# APPLICATION FORM

### 3.0 APPLICATION FOR EOI

Sr. No.	Particulars Details	Details
1.0	Name of the Firm/Technology provider	
2.0	Postal Address	
3.0	Contact Details, Telephone, Email address	
4.0	Year of Establishment	
5.0	Nature of the Company Proprietorship/Partnership/Private Ltd. Etc.	
6.0	Name of the Director/Partners/ Proprietor	To be filled in Annexure-I
7.0	Registration with the Tax Authorities	To be filled in Annexure-II
8.0	Relevant Experience	To be filled in Annexure-III
9.0	Audited Balance Sheet with the profit & Loss statement for Last 3 years	To be filled in Annexure-IV
10.0	Declaration	As per the Performa given in Annexure-5 (On Applicant's Letter Head)

**Signature**

**Name**

**Seal of the Firm**

**Name of the Director/Partners/ Proprietor**

S. No	Name	Designation	Qualification	Key Experience

UKRAIN

**Registration with the Tax Authorities**

<b>S. No</b>	<b>Name</b>	<b>Registration No.</b>	<b>Date &amp; Year of registration</b>	<b>Valid Upto</b>
1.	Registrar of Organisations/ Firms for Constitution			
2.	Income Tax Department (Mention PAN No.)			
3.	GST Registration			
4.	TIN			

Relevant Experience

<b>S. No</b>	<b>Name of the Work</b>	<b>Name &amp; Address of the Owner</b>	<b>Value of the work executed</b>	<b>Stipulated time of Completion</b>	<b>Actual time of Completion</b>

UKPDR



Financial Statement

S. No.	Financial Year	Turnover of the Firm (in Rs.)	Profit/Loss (in Rs.)
1	2014-2015		
2	2015-2016		
3	2016-2017		

UNKOPIN

**DECLARATION**

1. I/We (including all partners) certify that I/We have read and understood the instructions and the Terms & Conditions mentioned in the application form and shall abide by them.
2. I/We certify that the information given in the application is true to the best of my knowledge and belief.
3. I/We also understand that if any information is found wrong, I am/We are liable to be debarred.
4. I/We agree that the decision of the Mission Director, National Mission for Clean Ganga in selection of Organization will be final and binding to me/us.
5. I/We agree that I/We have no objection if enquiries are made to our clients to verify the facts submitted by us.

Signature

Name

Seal of the Firm

## Technical Proposal

Technical Proposal for treatment of Waste water in the drain (Drain Name) using innovative technology should incorporate the following (submit separate sheets for each drain):

**1. Introduction**

- a. Relevant information of the proposed drain, their characteristic along with physical profiling of the drain.

**2. Problems and issues** – Problem and issues of the drain

**3. Concepts of Proposed Technology** – Proposed in-situ treatment technology as a solution to the problems and issues of the drain. Technical solution to the problem must be elaborated.

**4. Technical Details** – Technical details of the proposed technology.

(a) Name of the proposed In-situ Technology:

(b) Type of Product – Enzymatic, Microbial, Nutrient, Herbal, Chemical etc. These product should neither have any adverse environmental impact on aquatic organism nor should they produce secondary by-product(s) causing adverse effect.

(c) Toxicity of the product- if any (mention in detail, if not producing; certification from NABL or CSIR labs) to be enclosed.

**5. Mode of action of the product** – How the product is going to work on wastewater. Detailed procedure to be mentioned.

**6. Usage / Procedure of the product** – Dosing pattern, Dosing procedure, Dosing frequency

**7. Advantages of Product:**

**8. Proposed plan of action-**

a. Dosing Location – Site details for dosing such as – no. of dosing location (why this no. is required, scientific basis of selection of dosing location) etc.

b. Location of water quality monitoring – Parameters to be monitored and frequency of monitoring

c. **Time frame**-Time required to start the work and completion time

d. **Space requirement**- Space required for the technology mentioned

**9. Applicability to other systems:**

**10. Any limitation to the technology-** Environmental conditions, Physical conditions, aquatic conditions etc.

**11. Cost per KLD-** Cost towards supply, installation monitoring, operation and maintenance of the

system,

Annexure-VII

Details of drains discharging in river Ganga are mentioned below:

Sl. No.	Town	DRAIN	Discharge (in MLD)	Status of untapped Drains
			Untapped	Sanctioned
<b>DRAINS IN THE HILLS (46 nos)</b>				
<b>ALAKNANDA (BADRINATH TO DEVPRAYAG)</b>				
1	BADRINATH	BSNL Drain	0.0690	1
		Manav Kalyan Ashram Drain		
		Iron bridge to mandir drain		
		Raturi Drain	0.0600	1
		Bamni Drain	0.0202	1
		Pindadaan Ghat Drain	0.0101	1
<b>TOTAL - BADRINATH</b>			<b>0.1593</b>	<b>4</b>
2	JOSHIMATH	Tehsil Nala	0.6998	1
		Dronagiri Nala	0.4205	1
		Kamet Lodge Nala	1.0800	1
		Nav Ganga Nala	0.9101	1
		Gandhi Nagar Nala	0.0403	1
<b>TOTAL - JOSHIMATH</b>			<b>3.1507</b>	<b>5</b>
3	GOPESHWAR	Baitrni Kund Drain	0.3902	1
		Pokhri Bend Drain	1.0397	1
		Chamoli Bazar Drain	0.0302	1
		Chamoli Alaknanda Ghat Drain	0.0202	1
		Chamoli Near Bridge Drain	0.0202	1
		Kothiyalsain Drain	0.0504	1
		Chamoli Old Suspension Bridge Drain	0.0302	1
<b>TOTAL - GOPESHWAR</b>			<b>1.5811</b>	<b>7</b>
4	NAND PRAYAG	Water Tank Nala	0.0250	1
		Sangam Road nala	0.0250	1
		Forest Office nala	0.0250	1
<b>TOTAL - NAND PRAYAG</b>			<b>0.0750</b>	<b>3</b>

5	KARN PRAYAG	Police Chowki Nala	0.0250	1
		SBI ATM Nala	0.0290	1
		Saraswati Shishu Mandir Nala	0.0320	1
		Subhash Nagar Nala	0.0250	1
		Naya Pul Nala	0.0240	1
		Ward No. 1 Nala	0.0300	1
		Ward No. 3 Nala	0.0330	1
<b>TOTAL - KARN PRAYAG</b>			<b>0.1980</b>	<b>7</b>
6	RUDRA PRAYAG	Near Annap Negi School Nala	0.0470	1
		Near Rudra Complex Nala	0.0730	1
		Near Bus Stand Nala	0.0440	1
		Near State Bank Nala	0.0270	1
		Near Masjid Nala	0.0470	1
		Near Steel Bridge Nala	0.0840	1
		Near Syndicate Bank Nala	0.0150	1
		Balni Nala	0.0250	1
<b>TOTAL - RUDRA PRAYAG</b>			<b>0.3620</b>	<b>8</b>
7	SRI NAGAR	Dam Colony Drain	0.0220	1
		SSB Drain	0.1080	1
		Kedar Ghat Drain	0.0170	1
		Pragati Vihar Drain	0.0600	1
		Hanuman Mandir Drain	0.0400	1
		Jal Colony Drain	0.1010	1
		Irrigation Colony Nala	0.0220	1
		Mahadev Temple Drain	0.2020	1
		Gas Godwon Drain	0.0790	1
		Bhakiyana	0.0940	1
		<b>TOTAL - SRINAGAR</b>		
8	KIRTI NAGAR	Near New Bridge Drain	0.0250	1
		Near Main Market Temple Drain	0.0100	1
<b>TOTAL - KIRTI NAGAR</b>			<b>0.0350</b>	<b>2</b>
<b>TOTAL - ALAKNANDA</b>			<b>6.6131</b>	<b>46</b>

### DRAINS IN THE PLAINS (13 nos)

<b>GANGA ( DEVPRAYAG TO LAKSHAR)</b>				
9	SWARG ASHRAM	Sant Seva Ashram Nala	0.0570	1
<b>TOTAL - SWARG ASHRAM</b>			<b>0.0570</b>	<b>1</b>
10	MUNI KI RETI	Khara sroat nala (Monsoon Nala)	0.1440	1

		Dhalwala Nala (Natural water source)	3.8900	1
		Muni Ki Reti Parking Nala	0.2160	1
		Ganga Resort Nala	0.1440	1
		Chandreshwar Nala	0.1440	1
		Shamshan Ghat Nala	0.2880	1
<b>TOTAL - MUNI KI RETI</b>			<b>4.8260</b>	<b>6</b>
11	RISHIKESH	Sai Ghat Nala (Small drain carrying very low discharge)	0.0072	1
<b>TOTAL - RISHIKESH</b>			<b>0.0072</b>	<b>1</b>
12	HARIDWAR	Lal Mandir Nala	0.7000	1
		Matrisadan Nala	0.7000	1
		Kasai Nala	4.1000	1
		Ramrakkha Nala	0.7000	1
		Pandeywala Nala	5.6000	1
<b>TOTAL - HARIDWAR</b>			<b>11.8000</b>	<b>5</b>
<b>TOTAL - GANGA</b>			<b>16.6902</b>	<b>13</b>
<b>GRAND TOTAL</b>			<b>23.3033</b>	<b>59</b>

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