

**File No. 21/125/2015-NHP
Government of India
Ministry of Water Resources, RD & GR
National Hydrology Project**

**Office of the Director (HP)
National Hydrology Project, MoWR, RD &GR
Room No.232, 2nd Floor, Block-3, CGO Complex,
Lodhi Road, New Delhi, 110003**

Date: 18th May, 2016

E-TENDER NOTICE

Subject: Invitation of online Expression of Interest for engaging Consulting Services for the Technical Assistance and Management Consultancy under National Hydrology Project.

Date of Issue/Publishing	18 th May, 2016, 1000hrs (IST)
Late Date and Time for Uploading of Eol	8 th June, 2016, 1500hrs (IST)
Date and Time of Opening of Eols	8 th June, 2016, 1600hrs (IST)

Interested parties may view and download the tender document containing the detailed terms and condition free of cost from the website <https://eprocure.gov.in/eprocure/app>

(Note: Go to advance search option and choose organization name as Department of Electronics and Information Technology and department name as National Informatics Centre and click to submit button).

REPUBLIC OF INDIA



INTERNATIONAL COMPETITIVE BIDDING

**Expression of Interest (EOI) for Consulting Services
of
“Technical Assistance and Management Consultancy”
for
National Hydrology Project**

May, 2016

**National Project Monitoring Unit (NPMU)
National Hydrology Project (NHP)
Ministry of Water Resources, River Development & Ganga Rejuvenation,
Government of India**

***Room No.232, 2nd Floor, Block-3, CGO Complex,
Lodhi Road, New Delhi, 110003***

Tel:+91-11- 24363417

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**SELECTION OF CONSULTANTS BY THE MINISTRY OF WATER RESOURCES, RIVER
DEVELOPMENT AND GANGA REJUVENATION
REQUEST FOR EXPRESSIONS OF INTEREST**

**REPUBLIC OF INDIA
NATIONAL HYDROLOGY PROJECT**

**CONSULTING SERVICES for the TECHNICAL ASSISTANCE AND MANAGEMENT
CONSULTANCY**

Expressions of Interest (Eoi)

The Government of India has applied for financing from the World Bank toward the cost of the National Hydrology Project (NHP), and intends to apply part of the proceeds for consulting services.

The consulting services are required to support the National Project Monitoring Unit (NPMU) of the Ministry of Water Resources, River Development & Ganga Rejuvenation, Government of India in the implementation of the project. The project will be built on the earlier projects supported by the World Bank: the Hydrology Project and the Hydrology Project Phase-II.

The National Hydrology Project will support the development of hydrometric networks, data management, water resources information systems, development of water resources operation and planning procedures and capacity building across all States & UTs in India, working with about 10 Central Government Agencies and water resources agencies in all States & UTs of the country. The duration of the project, and the consultancy assignment, is expected to be about Eight(8) years.

The proposed Consultancy will provide support and assistance to all implementing agencies with project planning, procurement, technical developments, training and capacity building along with overall coordination. It will provide support for project reporting to the World Bank, and monitoring project progress.

The Consultancy will broadly provide support for project implementation to all Implementing Agencies (IAs) in the following areas:

- Technical advice and support (including identification and deployment of hydro-meteorological equipment, IT hardware and software, SCADA systems for irrigation, IWRM, hydrological modelling, Reservoir management, surface water and groundwater interaction & assessment).
- Programme management support (including Procurement support as well as Financial management support).
- Development of management and financial reporting systems for internal and external reporting.
- Development of software for web-based data entry for a MIS for monitoring and evaluation of project implementation, financial monitoring and progress reporting.
- Awareness raising and capacity building.

The NPMU, Ministry of Water Resources, River Development & Ganga Rejuvenation now invites eligible consultants to indicate their interest in providing the services. Interested consultants must provide information indicating that they are qualified to perform the services

(brochures, description of similar assignments, experience in similar conditions, availability of appropriate skills among staff, etc.).

The shortlisting criteria, in brief, are:

- a) Annual turnover in any one of the last 3 years (i.e. 2013-2014, 2014-15& 2015-2016) shall be more than Rs.100 crores. In case of JV, the lead member shall have more than Rs.60 crores of annual turnover (updated) in any one of the last 3 financial years. This threshold for each other JV member/s shall be Rs.25 crores.
- b) The Consultant must have successful experience of executing similar project/s in last ten calendar years including 2016.
- c) The firm(s), including the JV partners, should have at least 40% of the potential core staff, including Team Leader as permanent employees.

The detailed shortlisting criteria are mentioned in Section IV of the EoI.

Consultants may associate to enhance their qualifications. Consultants may associate with other firms in the form of a joint venture or a sub-consultancy to enhance their qualifications. The nature of association should be clearly indicated in the EoI.

The attention of interested Consultants is drawn to paragraph 1.9 of the World Bank's Guidelines: Selection and Employment of Consultants [under IBRD Loans and IDA Credits & Grants] by World Bank Borrowers January 2011 revised July 2104 ("Consultant Guidelines"), setting forth the World Bank's policy on conflict of interest.

Consultants will be selected in accordance with the procedures set out in the World Bank's Guidelines: Selection and Employment of Consultants under IBRD Loans & IDA Credits & Grants by World Bank Borrowers dated January 2011, as revised July 2014.

The consultant/bidders can download the Expression of Interest (EoI) comprising 'Short Listing Criteria' and 'Scope of Work' from the e-procurement platform (<https://eprocure.gov.in/eprocure/app>) from **18th May, 2016, 1000hrs (IST)** onwards. The Bidders need to submit the EoI along with all relevant documents online through e-procurement platform (<https://eprocure.gov.in/eprocure/app>). Last date/time for receipt of bid through e-procurement is on **08th June, 2016 upto 1500hrs (IST)**. Late and offline bids shall not be accepted. The 'Short Listing Criteria' and 'Scope of Work' are also available in the NHP's website <http://www.indiawrm.org>.

Interested consultants may obtain further information at the address below from 0900hrs to 1730hrs (Monday to Friday, except Govt. holidays).

Office of the Director (HP)

**National Hydrology Project, MoWR, RD &GR
Room No.232, 2nd Floor, Block-3, CGO Complex,
Lodhi Road, New Delhi, 110003**

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E-mail: nhp-mowr@nic.in

Government of India
National Project Monitoring Unit (NPMU), National Hydrology Project (NHP)
Ministry of Water Resources, River Development & Ganga Rejuvenation

RPF No.....

Loan No.....

Office of the Director (HP)
National Hydrology Project, MoWR, RD &GR
National Project Monitoring Unit (NPMU)
Room No.232, 2nd Floor, Block-3, CGO Complex,
Lodhi Road, New Delhi, 110003

Date:18th May, 2016

Section-I

Request for submission of Expression of Interest to:

Dear Mr./Ms.:

1. *The Government of India (hereinafter called "Borrower") has applied for financing from the International Bank for Reconstruction and Development (IBRD) (hereinafter called "WB") in the form of a "loan" (hereinafter called "loan") toward the cost of National Hydrology Project. The Borrower intends to apply a portion of the proceeds of this loan to eligible payments under the contract for which this Request for Expression of Interest is issued.*
2. *The Director (HP), on behalf Government of India, National Project Monitoring Unit, National Hydrology Project, Ministry of Water Resources, RD& GR invites expression of interest to provide the Service from the eligible Consultant. More details of the Service are available in the procurement platform (<https://eprocure.gov.in/eprocure/app>) from **18th May, 2016, 1000hrs (IST)** and on NHP's website <http://www.indiawrm.org>.*
3. *Short listing of eligible Consultant will be as per criteria described in this EOI, in accordance with the policies of the International Bank for Reconstruction and Development (IBRD) detailed in the Guidelines - Selection and Employment of Consultants by World Bank Borrowers- which can be found at the following website: <http://www.worldbank.org>*
4. *The EOI includes the following documents:*
 - a. *Section I - Request for submission of expression of Interest.*
 - b. *Section II - Instructions for submission of Expression of Interest.*
 - c. *Section III - Guidelines for Preparation of Expression of Interest.*
 - d. *Section IV - Eligibility and short listing Criteria.*
 - e. *Annexure -I to VIII*
5. *Details of the EOI's submission date, time and address is as mentioned in the Letter.*

Yours Sincerely,

Director (HP)
National Hydrology Project, MoWR, RD &GR

Section-II

Instruction for submission of Expression of Interest:

1. Consultant shall go through the guidelines provided under section 'III' and 'IV' before preparing EOI proposal.
2. Consultant who meet eligibility criteria given in section 'IV' shall prepare EOI as per the guidelines given in section 'III'. If the Consultant feels to submit certain information not covered in the guidelines would be in his interest, he may submit such information.
3. Accomplished Expression of Interest (Application) must be submitted along with all relevant documents through e-procurement platform (<https://eprocure.gov.in/eprocure/app>) from **18th May, 2016, 1000hrs (IST)** onwards. Last date/time for receipt of bid through e-procurement is on **08th June, 2016 upto 1500hrs (IST)**.
4. The Application shall be the basis for drawing up a shortlist of eligible consultants who will be invited to submit proposal for services required.
5. All Applications shall be submitted in English.
6. Power of attorney (on stamp paper duly notarized) of the person submitting the Expression of Interest on behalf of the Applicant shall be attached. Joint Venture (JV) shall not have more than '3' members. One of the members should be a Lead Member. The JV shall clearly list-out the roles & responsibilities of each partners under the project.
7. The Consultant (including the individual members of any Join Venture) shall submit only one Proposal, either in its own name or as part of a Joint Venture member in another Proposal, if a Consultant, including any joint Venture member, submits or participates in more than one proposal, all such proposals shall be disqualified and rejected.
8. The Application and all related correspondence and documents should be written in the English language. Supporting documents and printed literature furnished by Applicant with the Application may be in any other language provided that they are accompanied with translations in the English language. Supporting materials, which are not translated into English, may not be considered. For the purpose of interpretation and evaluation of the Application, the English language translation shall prevail.
9. Ministry of Water Resources, RD & GR reserves the right to reject any Applications, without assigning any reasons thereof.
10. The Applicant shall provide all the information sought under this Qualification Document. Ministry of Water Resources, RD & GR would evaluate only those Applications that are received in the required format and complete in all respects. Incomplete and / or conditional Applications shall be liable to rejection.
11. Detailed ToR will also be available on website www.indiawrm.org
12. No claims whatsoever will be entertained if submission is not received online by due date and time.
13. Any details/clarification may be obtained from the following:
Office of the Director (NHP)
National Hydrology Project, MoWR, RD &GR
Room No.232, 2nd Floor, Block-3, CGO Complex,
Lodhi Road, New Delhi, 110003
Tel: +91-11- 24363417
Fax: +91-11- 24363417

E-mail: nhp-mowr@nic.in

14. The Proposal of EoI must be submitted online no later than:

Date: **08th June, 2016**

Time: **1500hrs (IST)**

15. Opening of the EoI Proposal: The Procedure of opening shall be, EoIs will be opened on **8th June, 2016 at 1600hrs (IST)** in presence of members of opening committee and consultant/sor their authorized representatives who have offered the EoI proposal may choose to remain present.

16. The opening shall take place at:

Office of the Director (NHP)

National Hydrology Project, MoWR, RD &GR

Room No.232, 2nd Floor, Block-3, CGO Complex,

Lodhi Road, New Delhi, 110003

Tel: +91-11- 24363417

Fax: +91-11- 24363417

E-mail: nhp-mowr@nic.in

Date: **8th June, 2016**

Time: **1600hrs (IST)**

17. The Consultant has to digitally sign and upload the required bid documents one by one as indicated in the tender document.

18. Any submission must be addressed to the following:

Office of the Director (HP)

National Hydrology Project, MoWR, RD &GR

Room No.232, 2nd Floor, Block-3, CGO Complex,

Lodhi Road, New Delhi, 110003

Tel: +91-11- 24363417

Fax: +91-11- 24363417

Section-III

Guidelines for Preparation of Expression of Interest:

Following information shall be submitted using given formats and where no formats are specified, free format can be used.

- 1) Complete name of firm, date of establishment and type of organization whether individual, proprietorship, partnership, private limited company, public limited company etc. (Annexure-II).
- 2) Exact and complete corporate/registered/home office address, business address, telephone numbers, fax numbers, E-mail and cable address. For consultant of foreign registry, indicate if there is any branch office(s) established in India with details in aforesaid manner. Information is to be furnished by sole applicant or members of JV individually (Annexure-II).
- 3) If present firm is the successor to or outgrowth of one or more predecessor firms, fresh name(s) of former entity (ties) and year(s) of their original establishment with details in aforesaid manner. Information is to be furnished by sole applicant or members of JV individually (Annexure-II).
- 4) Present a brief narrative description of the firms. Information is to be furnished by sole applicant or members of JV individually (Annexure-II).
- 5) List of not more than two (2) principals who may be contacted by this Office. Listed principals must be empowered to speak for him or for the firm on policy and contractual matters. Information is to be furnished by sole applicant or members of JV individually.(Annexure-II)
- 6) Under this item, indicate financial figures from consultancy business for past 5 (five) financial years. (Annexure-III)
- 7) (i) Organizational strength of consultant and its constituents in case of a JV shall be given.(Annexure-IV)
(ii) Office logistics for consultant and its constituents in case of JV in terms of office space, and software. Availability of Modelling/Water Resources/Hydro-Met software which are web enabled and have not less than 10 concurrent user licenses shall be mentioned (Annexure-V).
- 8) Consultant's experience shall be given under four categories.
 - A. The first category (A) shall be technical assistance for project implementation of an IFI-funded project, including procurement support, MIS based project progress monitoring and reporting.
 - B. The second category (B) shall be hydrological and hydrogeological assessments, water resources modelling, groundwater modelling, water management modelling for DSS, flood management modeling including use of GIS systems and satellite imagery analysis.
 - C. The third category (C) is instrumentation specification and procurement for process monitoring, including data management with real-time data transmission.
 - D. The fourth category (D) is institutional development and development of training programmes for capacity-building.

In case of JV applicant, each member has to likewise give above information. Only those

- works which are done as prime consultant need to be reported. (Annexure-VI)
- 9) As many references from employers as the consultant (for each member in case of JV) may choose shall be submitted Annexure-VII.
 - 10) The EoI needs to be supported by relevant document supporting the same.
 - 11) An undertaking for supply of true information shall be given as per Annexure-VIII.

Section-IV

Short Listing Criteria:

1. Consultant can be a Joint venture of not more than 3 firms. No Consultant can bid for a given work simultaneously as sole Consultant and as a member of any joint venture.
2. Annual Turnover:
 - a) Annual turnover in any one of the last 3 years (i.e. 2013-2014, 2014-2015 & 2015-16) shall be more than Rs.100 crores. In case of JV, the lead member shall have more than Rs.60 crores of annual turnover (updated) in any one of the last 3 financial years. This threshold for each other JV member/s shall be Rs.25 crores.
 - b) For arriving at updated value, turnover shall be updated to the present year by a factor of 5% per year.
3. Experience:

The Lead Consultant must have as Lead consultant successful experience as follows:

- a) At least one Project of similar work costing not less than Rs.25 crores.
- b) Such work must have been completed within last ten Calendar years (2006-2016).
- c) The firm(s), including the JV partners, should have at least 40% of the potential core staff, including Team Leader, as permanent employees.
- d) The firm (s), including the JV partners, having successfully completed similar work in India in the past 10 years would be desirable.
- e) A work would qualify as similar work if it meets with any of the following relating to water resources sector:
 - A. Technical assistance for project implementation & MIS based project monitoring and reporting
 - B. Hydrological/hydrogeological analysis and modelling
 - C. Hydro-meteorological instrumentation project
 - D. Capacity-building

The JV partners must have the experiences in any one or more fields as define in Annexure IV (Table 1) of EOI.

4. 'Request for Proposal' (RFP) will be issued to shortlisted applicants only and Ministry of Water Resources, RD & GR reserves the right to reject any or all the proposals without assigning any reason.

Gist of work to be undertaken under National Hydrology Project

Background: The improvement of water management in India has long been a Government priority and has had long support from the World Bank. Fundamental to improved management of water resources is improved understanding of water management issues, based on accurate measurements and analysis. The National Hydrology Project (NHP) is intended to support this improved understanding.

At Present, there is a need to develop infrastructural and technological gaps, commissioning of standardized tools and systems and bringing uniformity among all the States including operation and maintenance of infrastructure created under HP I and II projects. With the new National Water Policy in place, the approach for “National Hydrology Project (NHP)” will align water resources development in line with the policy, especially Integrated Water Resource Management (IWRM).

Objective of Consultancy: The primary objective of the TAMC is to support the National Project Monitoring Unit (NPMU) of the MOWR, RD & GR in the implementation of the project. It will provide support to all implementing agencies to assist with project planning, procurement, technical developments, training and capacity building. It will provide support for project reporting to the World Bank, and monitoring project progress. It is expected that the duration of the services will be for a period of about 8 years.

Scope of Work: The TAMC contract is intended to provide high-level support for the implementing agencies to assist them to achieve high quality project implementation, and to support project implementation activities. The TAMC role is to help build capacity within the implementing agencies, and to assist them to improve their ability to manage their HIS and improve knowledge of water resources systems through project implementation. The contract is structured as “time and expenses” to allow flexibility in how this support is provided, so key areas of weakness and technical need can be addressed as the project develops.

The proposed Consultancy will provide support to all implementing agencies to assist with project planning, procurement, technical developments, training and capacity building along with overall coordination. It will provide support for project reporting to the World Bank, and monitoring project progress. The Consultancy will broadly provide support for project implementation to all Implementing Agencies (IAs) in the following areas:

- Technical advice and support (including identification and deployment of hydro-meteorological equipment, IT hardware and software, SCADA systems for irrigation, IWRM, hydrological modelling, Reservoir management, surface water and groundwater interaction & assessment).
- Programme management support (including Procurement support as well as Financial management support).
- Advisory support for the Implementation of National Hydrology Project.
- Development of management and financial reporting systems for internal and external reporting.
- Development of software for web-based data entry for an MIS for monitoring and evaluation of project implementation and financial monitoring and reporting.
- Awareness raising and capacity building.
- Reporting.

Expression of Interest Form for Consulting Engineering Firm or Joint Venture (To be filled up by each of the constituent in case of a Joint Venture)

1.

Consultant	Date of Establishment	Country	Type of organization			
			<i>Individual</i>	<i>Partnership</i>	<i>Corporation</i>	<i>Other</i>
<i>Name</i>						

2. Corporate/registered Office / Business Address / Telephone Nos. / Cable Address/ E-mail address of consultant and its branch offices for Consultant (including members in case of JV)
3. Consultant's former name and year of establishment (including that of members in case of JV)
4. Narrative description of Consultant firms if any (Use other sheet, if necessary)
5. Name of, not more than two (2) principals who may be contacted with title, telephone number/ fax number, E-mail address.

Financial Statement of the three financial Years

Sr. No.	Particulars		2015-2016	2014-2015	2013-2014
1.	Annual turnover from Consulting business	Lead member			
		other member(1)			
		other member(2)			
2	Net Profit.	Lead member			
		other member(1)			
		other member(2)			

Notes:

- i. Values should be duly certified by statutory body like Chartered Accountant or Independent Auditors who are competent to do so as recognized by the Government of India.
- ii. The amount shall be stated in Indian Rupees (INR).
- iii. For the purpose of short listing, conversion to Indian Rupees shall be based average of the buying and selling rates of Reserve Bank of India as on the Proposal submission date.
- iv. In case the exchange rate for any currency is not available as per the provision of this section, then Ministry of Water Resources, RD & GR reserves the right to use the rate available from an alternative source at its sole discretion.

Organizational Strength

1. Staff strength of the Organization/s

S No.	Area of Expertise	Total No. of Staff	No. with Doctoral Degree	No. with Post-graduate Degree	No. with Graduate Degree	No. of Permanent Employees	No. of years with the firm
i.	Hydrologist and Hydrological Modeling Expert						
ii.	Hydrogeologist and Ground Water Modeling Expert						
iii.	Hydro-met Instrumentation Expert						
iv.	Procurement Expert						
v.	Financial Expert						
vi.	MIS/ Database Management Expert						

2. Keys Experts/ Project Staff that would form the team in RFP

S No.	Position	Key Qualifications
	<i>International Experience</i>	
1	Team Leader	Master degree in water resources or related field. 20 years' experience, with 10 years' experience of team leadership of similar IFI- funded projects
2	Hydrologist and Hydrological Modeling Expert	Post-graduate qualification in hydrology or similar 20 years professional experience in international water resources management / hydrology projects including instrumentation, data management, flood forecasting, reservoir management
3	Hydro-met Instrumentation Expert	Post-graduate in relevant science or engineering 15 years professional experience in an instrumentation role in international projects, with good experience in hydromet. instrumentation and telemetry systems
4	Hydrogeologist and Ground Water Modeling Expert	Post-graduate qualification in hydrogeology or similar 20 years professional experience in international groundwater resources management / hydrogeology projects and groundwater modelling
5	Hydro-chemist and Water Quality Expert	Post-graduate in chemistry, environmental science or related subject. 20 years' experience with significant laboratory

		experience and over 10 years' experience in water quality assessment and management in international projects
6	Capacity Building Expert	Postgraduate in social science or similar, with extensive 20 years of experience in institutional development and capacity building and training programme development, preferably with water resources focus.
	<i>National Experience</i>	
7	Deputy Team Leader	Post graduate qualification in relevant engineering / management subject; 20 years' experience, with 10 years' experience in senior role in similar projects, including IFI-funded projects. Good experience in water resources management projects.
8	Sr. Procurement Expert	Degree in engineering or related field. 20 years' experience, with 10 years' experience of procurement in IFI- funded projects
9	Sr. Finance Management Expert	Post-graduate in Financial or Business Studies or related subject with 20 years' experience of financial management and audit
10	Program Planning, Scheduling and Monitoring Expert	Degree in related field with 15 years' professional experience
11	MIS & IT Expert	Graduate qualifications in Computer Studies, IT or related subjects, with at least 15 years in relevant field
12	Hydrologist and Hydrological Modelling Expert	Post-graduate qualification in hydrology or similar 15 years professional experience in water resources management / hydrology projects including hydrological modelling
13	Ground Water management and modelling Expert	Post-graduate qualification in hydrogeology or similar 15 years professional experience in groundwater resources management / hydrogeology projects and groundwater modelling
14	GIS & Remote Sensing Expert	Post-graduate in data management, hydro-informatics or related subject. 10 years' experience in similar role in international projects

Office Logistics and Software Availability

- a) Office space in sq. m. and ownership status
- b) List of Hydro-Metrological along with Modelling Software available

Name of Software	Whether Web Enabled?	Number of Concurrent Users	Cost of Purchase In Rs.	Year of Purchase	Utility and Functions of the Software

Details of Experience

Sr. No	Projects Name / Year	Type of services rendered including' (A, B, C, D)	Cost of the assignment of category 'A' Rs. in Cr.	Cost of the assignment of category 'B' Rs. in Cr.	Cost of the assignment of category 'C' Rs. in Cr.	Cost of the assignment of category 'D' Rs. in Cr.	Client (With complete address, contact person, telephone No. Fax No and E mail address)	Fee in INR (Applicant's share in case of JV/ Consortium)	Completion certificate from client (Reference page no)	Duration in months	Funding Agency	Sole / JV/ Consortium (if JV-state Lead /Partner with share)
1	2	3	4	5	6	7	8	9	10	11	12	13
1												
2												

- A. Technical assistance for project implementation & MIS based project monitoring and reporting
- B. Hydrological/hydrogeological analysis and modelling
- C. Hydro-meteorological instrumentation project
- D. Capacity-building

Note: Only those assignments shall be considered for which consultant has provided services as lead member in case that work is done by a JV/ Consortium. Each assignment shall be supported by following details:

Name of Overall assignment :

Location of Overall assignment :

Owner's Name and Address :

Completion (Actual/Estimated vis-à-vis Stipulated):

Description of assignment:

Description of Services provided by the firm:

Authorized Signatory

Name of the client:

Employer's References

Undertaking

I certify that the information in the above Expression of Interest forms is true to the best of my knowledge. I also understand that any misleading or wrong information will disqualified this application straightaway.

President/Managing Director

or

Authorized Signatory of Applicant