



**Drinking Water and Sanitation Department**

***EOI No. 1/NRDWP/2014-15***

***Request for Expression of interest***

***for***

***Preparation of Pre-Feasibility Report for supplying drinking water to the inhabitants of the rural villages of districts i.e. Sahibganj, Dumka, Deoghar, Godda, Pakur, Giridih, Koderma & Jamtara etc through water grid from Ganga and any other perennial river/ water body in the vicinity.***

Drinking Water and Sanitation Department, Jharkhand intends to supply drinking water mainly from Ganga and any other perennial river/ water body in the vicinity of the Sahebganj, Dumka, Deoghar, Godda, Pakur, Giridih, Koderma & Jamtara district etc. through grid system of pipeline or canals as done in Gujrat from Narmada Dam. Expression of interest is invited from the reputed and experienced firms having team of competent professional, having sound financial position and having experience of doing such job successfully.

Brief Description of Job:- The population of the districts are:-

SL. NO.	Name of the district	Population 2001
1	2	3
1	SAHEBGANJ	736835
2	DUMKA	950853
3	GODDA	861182
4	DEOGHAR	933113
5	GIRIDIH	1496189
6	KODERMA	394763
7	JAMTARA	544856
8	Pakur	900422
<b>TOTAL</b>		<b>6818213</b>

The water demand of rural and urban population will have to be taken as 70 lpcd and 135 lpcd respectively.

The above figures may vary after detail studies of the area depending upon the feasibility of supplying drinking water to the rural habitation and urban population.

The tentative main job to be performed is:-

1. Topographical survey with GIS mapping.
2. Hydrological Survey
3. Proposed most beneficial alignment of various pipeline, canal integrating water body (existing/ to be created) etc.
4. Design of various components of the system proposed.
5. Identification of requirement of energy, location wise.
6. Estimation of the proposed different option of works.
7. Economics of the project
8. Sustainability of project, PPP
9. Financial structuring of the project
10. Environmental impact assessment

11. Requirement of land acquisition
12. Crossing of rivers, drains, bridges, culverts, railway lines, cutting of roads, pavements etc
13. Clearances/ permissions/NOC required before, during & after the implementation of projects.
14. Proposal of administrative and management structure to run the project.

Interested firms may express their interest in confidence up to 29.01.2014 to the office of

Engineer in chief,  
Drinking Water and Sanitation Department,  
Room No 101, Nepal House,  
Doranda  
Ranchi 834002  
Jharkhand.  
Telephone No – 0651 – 2490920  
Fax No - 0651 - 2490294

Indicating their :-

- i. Experience in the field of execution and management of water supply scheme of similar magnitude and complexity during the last five years (experience certificate of the client to be attached).
- ii. Experience in the field of execution and management of similar nature of job i. e. water supply through grid system during last five years (experience certificate of the client to be attached).
- iii. Qualification and experience of professionals to be engaged in this project.
- iv. List of equipment and plant and tools to be deployed in this project.
- v. Turnover of the firm during last 5 years.
- vi. Registration certificate of the firm.

Details can be seen on website <http://jharkhandtenders.gov.in> and the departmental website [daa.jharkhand.gov.in](http://daa.jharkhand.gov.in).

**(D.D.Sharma)**  
Engineer in Chief  
Drinking Water & Sanitation  
Department.

PR No: 120499(Drinking Water and Sanitation)

Published On 11/01/2015