

**OFFICE OF THE EXECUTIVE ENGINEER (PROJECT) WATER-II
DELHI JAL BOARD: VARUNALAYA: PHASE-I
JHANDEWALAN: KAROL BAGH: NEW DELHI-110005, Ph: 23554573**

INVITATION FOR EXPRESSION OF INTEREST

For

**Providing Consultancy Services for JICA assisted Delhi Water Supply
improvement Project in
Chandrawal Water Treatment Plant command area**

- 1.** The Government of India (GOI)/Delhi Jal Board (DJB), has received an ODA Loan from Japan International Cooperation Agency (here in after referred to as "JICA") in the amount of ¥ 28,975 millions towards the cost of Delhi Water Supply Improvement Project (Loan Agreement No. ID-P225 dated Oct 29, 2012), and intends to apply the proceeds of the loan to eligible payments under this contract. Disbursement of a Japanese ODA loan by JICA will be subject, in all respects, to the terms and conditions of the Loan Agreement, including the disbursement procedures and the Guidelines for the Employment of Consultants under JICA ODA Loans. No party other than the GOI/DJB shall derive any rights from the Loan Agreement or have any claim to loan proceeds. The above Loan Agreement will cover only a part of the project cost. As far the remaining portion, GOI/DJB will take appropriate measures for finance. As such, DJB intends to employ a consultant for the Project.

- 2.** DJB will carry out the project in Chandrawal Water Treatment Plant(WTP) command area. Chandrawal WTP was constructed in two phases in the year 1930 (159 MLD) and 1960 (250 MLD). The total capacity of this treatment plant after implementation of this project will be 445 MLD. This plant caters to a population about 2.2 million.

The various projects components proposed by JICA in this WTP command area are improvement of Water Treatment Plant, installation of SCADA, new transmission mains as well as replacement of the old one, new distribution pipe and replacement of the old one, non-revenue water reduction, creation of DMAs, replacement of pipes within the DMA, transmission pumps and SCADA in distribution network. Further, the components of GIS mapping, customers meter management, institutional reorganization, human resource development and creation of Project Monitoring Unit have also been considered within the proposed project with an objective of Energy Management through rationalization of system to reduce excessive pumping and 24x7 Water Supply.

The project has been divided in the following work packages:

Package No.	Package Name
1.	Reconstruction and Renovation of Chandrawal WTP and Introduction of SCADA Systems
2.	Laying/ Replacement of Transmission/ Distribution Pipes, Service Connection, DMA Creation and NRW reduction under Chandrawal WTP Command Area (West)
3.	Laying/ Replacement of Transmission/ Distribution Pipes, Service Connection, DMA Creation and NRW reduction under Chandrawal WTP Command Area (Central)
4.	Laying/ Replacement of Transmission/ Distribution Pipes, Service Connection, DMA Creation and NRW reduction under Chandrawal WTP Command Area (East)
5.	Strengthening of GIS Mapping
6.	Public Outreach Programme

3. Scope of Work

The scope of consultancy for the projects work shall include assisting DJB in various aspects with respect to successful implementation of above packages and in Public Outreach component. The scope of services will include but not limited to the following:

- (a) Overall management of the Project till the Project completion
- (b) Review of Feasibility Study Reports
- (c) Preparation of Detailed Project Reports (DPRs) including carrying out Topographical Survey & Geo technical investigation.
- (d) Preparation of specification of works, Engineer's estimate and carry out detail Engineering
- (e) Preparation of Pre-qualification Documents, Tender Documents and Reasonability of Rates for all packages
- (f) Invitation of bids
- (g) Evaluation of Pre-qualification Bids
- (h) Evaluation of main Bids & preparation of evaluation reports.
- (i) Review of Detailed Designs for the Chandrawal WTP I & II including SCADA for WTP and distribution network
- (j) Contract management, Supervision and monitoring of works, Reporting and evaluation of Key performance indicators
- (k) Strengthening of GIS mapping
- (l) Preparation of Guidelines for monitoring of non-revenue water (NRW) reduction
- (m) Inspection during trial and commissioning
- (n) Preparation of final inspection report and O&M documents
- (o) Activities pertaining to Public Outreach Program
- (p) Institutional Capacity Development

- (q) Financial Management of the project including disbursement management
- (r) Project Documentations including multimedia reporting.

The Consultants shall assist PMU in overall management of the Project for all components on technical, physical, financial, social and institutional matters including formulation of project management plans and other plans, monitoring, supervision, preparation of various reports including construction monthly, quarterly & annual reports and completion reports, and advice on problems/ bottlenecks prevailing or anticipated and countermeasures/ corrective actions required.

4. The total period for the consultancy assignment including construction supervision is 108 months with a minimum of 194 man months for International Consultants and 888 man months for local Consultants. To obtain the desired quality services, DJB invites eligible Consultants globally to indicate their interest in providing the above Consultancy services. This invitation is open to all countries.

5. Following eligibility/qualification criteria will be used to shortlist the Consultants:

- (a) The applicant may be an independent single firm or in joint venture or in consortium with other firms.
 - (b) In the EOI it must be clearly indicated / stated who the "Lead Partner", if it is a joint venture/ consortium. The applicant must possess similar experience in the Project Management Consultancy of their experience and technical expertise in areas relating to this project including institutional strengthening and capacity building etc.
 - (c) The intending firm should have experience in projects of comparable size, complexity, and technical specialty in India/developing countries.
 - (d) The intending firm should have completed at least one similar consultancy assignment in water supply sector costing at least 200 million Indian rupees in the last 10 years.
 - (e) Experience of providing consultancy for water supply services to at least 50000 consumers in a water utility in a single assignment.
 - (f) Experience in project management of similar projects
 - (g) Experience of donor funded projects and working for reputable regional/international organizations (multilateral & bilateral)
 - (h) Experience of preparation of detail project report in water supply sector
 - (i) The intending firm should have an annual average turnover of 200 million Indian rupees for the last three years ending March 2012.
 - (j) The intending firm has to be profitable and should not have incurred loss in the last three financial year ending March 2012.
6. Firms interested to be considered for short listing may intimate EE(Project)Water-II, DJB in writing about their technical capabilities by providing the following, which will be used to shortlist the Consultants:
 - (a) List of similar assignments completed successfully in the last 10 years with brief project description, relevancy, information of cost of the services, cost of project, employer and funding agency
 - (b) List of similar assignments in progress with brief project description, relevancy, information of cost of the services, cost of project, employer and funding agency

- (c) Company profile and a list of relevant skills with the staff and indicative Curriculum Vitae
- (d) Project delivery capability in countries having similar conditions as in India
- (e) Experience of internationally funded projects
- (f) Company registration certificate/s and document/s of Latest Annual Report and audited accounts
- (g) Document/s clearly showing last three (3) year annual turnover figures
- (h) Eligibility statement.

All above documents/certificates for the firm/and joint venture/ consortium partners must be submitted as a part of EOI.

Only eligible firms having the required qualifications shall be considered for short listing. Only the short listed applicants shall be invited to submit their detailed proposals for the consulting services. The evaluation of the detailed proposals shall be carried through the QCBS method.

Consulting firms barred from participating in any project funded by the Government of India or multilateral development Bank (JICA, ADB, World Bank, AFDB, IDB & EBRD etc.) on the date of submission of their EOIs, will not be eligible to participate in this project. Further, the firm is to be excluded, if debarred during the period from start date of actual selection process up to the contract signing. Also, the consulting firm shall be excluded if any of its joint venture/consortium partner is debarred. A declaration to that effect shall be furnished by applicants.

7. Firms with following experience in Consultancy shall have added advantage in the short-listing:

- (a) Improvement/Construction of Water Treatment Plant with SCADA installation
- (b) Laying/Replacement of transmission and distribution mains
- (c) SCADA installation in distribution network
- (d) Non Revenue Water Reduction in a command area
- (e) Creation of District Metered Areas (DMA) with replacement of pipes within the command area
- (f) Design of Transmission Pumping Stations
- (g) Energy Management to reduce losses for a 24 X 7 water supply system
- (h) Institutional Strengthening
- (i) GIS Mapping

The complete EOI indicating the applicant's interest in taking up the assignment with all relevant information as above with copies of relevant documents for verification and full contact address shall be submitted in four hard copies and one soft copy at the address mentioned below on or before **15 February 2013 by 15.00 hrs.** No application shall be received after the deadline.

The Expression of Interest shall be submitted in a sealed cover, indicating therein:
 "Expression of interest For Providing Consultancy Services for JICA assisted Delhi Water Supply improvement Project in Chandrawal Water Treatment Plant command area"

DJB shall examine the EOI and evaluate them as per information and documents submitted by the applicants to finalize the list of short listed Consultants. However, DJB reserves the right to accept or reject any or all of the EOIs without assigning any reason whatsoever.

DJB shall not accept any explanation for any delay in transit or any reasons in receiving any EOI beyond the last date and time as mentioned in this invitation notice.

The Expression of Interest with all documents shall be sent to:

**EXECUTIVE ENGINEER (PROJECT) WATER-II, DELHI JAL BOARD
ROOM NO. 502, VARUNALAYA: PHASE: I
KAROL BAGH: NEW DELHI-110005**

**(R.K. SINGHAL)
E.E.(PROJECT)WATER-II**

No DJB/EE (Project) W-II/2012/

Dated

Copy for kind information to:-

1. CEO/Member (A)/Fin/Dr./WS/Dir. (F&A)/Addl.CEO
2. All CE's
3. Sh Abhay Kumar Sharan, Under Secretary(Japan),DEA,North Block,New Delhi.
4. Sh A.K.Das Under Secretary,MHA,North block New Delhi.
5. Sh. V.K.Chaurasia, Dy Advisor PHE,MOUD, Nirman Bhawan, New Delhi
6. Sh M.P. Singh, Addl Chief Specialist, JICA, 2nd Floor, Gopaldas Bhavan, 28, Barakhamba Road, New Delhi.
7. DOV, DJB
8. SE(PROJECT) WATER I,II,III./ SE(E&M)WC
9. All EE(PROJECT)WATER
10. Dy. A&FO-I, II & III/ AO(Project)WATER III/ AAO(Project)WATER II
11. Notice Board, Varunalaya Building Ph I/EE(Project)W-II
12. Consulting' Engineers Association of India, OCF Plot No 2, Poket-9,Sector-B, Near Vasant Kunj-Masoodpur flyover(behind Jagannath Institute of Management Studies) Vasant Kunj, New Delhi-110070.
13. www.dgmarket.com
14. Contractor's Association, T-471 Dargah Pir Rattan, Jhandewalan, New Delhi.
15. Firms/Consultants in the field.
16. Consultant (PR) with 20 copies & one soft copy for wide publication of EOI in leading news papers on all India basis.
17. EE (EDP):to display on DJB Website
18. All Foreign missions/embassies of different countries in Delhi with the request to give wide publicity in their country.

EE (Project) W-II