

**OFFICE OF THE EXECUTIVE ENGINEER (DWARKA) WTP
DELHI JAL BOARD: GOVT. OF NCT OF DELHI
OVER HEAD TANK: ASHOK VIHAR DELHI-110052**

EXPRESSION OF INTEREST (Re-invited)

FOR

**Project Management Consultancy for ADB assisted
Delhi Water Supply Improvement Investment Program- Project 1
in Wazirabad Water Treatment Plant Command Area**

A. Overview

1. The Government of India is negotiating a Multitranche Financing Facility (MFF) with the Asian Development Bank (ADB) for financing the Delhi Water Supply Improvement Investment Program (DWSIIP or the investment program), which comprises improvement of the water supply system in Delhi's Wazirabad Water Treatment Plant (WTP) command area. Delhi Jal Board (DJB) will be the proposed investment program's executing agency (EA).

2. The proposed investment program will help achieve the National Capital Territory of Delhi, (NCTD) Water Supply Master Plan objective of reduced Non-Revenue Water (NRW) and equitable access to water supply services. It comprises: (i) physical investments to improve existing water supply systems covering 2.6 million people in the Wazirabad WTP command area (approximately 10% of Delhi's population by 2021), and (ii) non-physical investments to improve DJB's institutional effectiveness with an aim to adopt a corporate approach in the long term by developing organizational options addressing the institutional and financial management capacity of DJB.

3. The proposed investment program's tentative investment plan is \$415 million. India has requested a MFF in an amount up to \$290 million from ADB's Ordinary Capital Resources (OCR) to help finance the investment program, which will support in turn a slice of the NCTD Water Supply Master Plan's medium term investment requirement. The MFF will comprise two tranches (each financing a respective project of the investment program) with each tranche structured as a project loan. The first tranche will comprise an OCR loan of \$100 million.

4. Project 1 of the proposed investment program is likely to include (i) a suitable work and operation contract for the WTP of 595 MLD capacity at Wazirabad, including improvements to water quality testing and monitoring, and (ii) an international project management consultancy (PMC). Project 2 of the proposed investment program is likely to include a works and operation contract(s) for water network improvement.

5. DJB now intends to spend a portion of tranche 1 of the MFF as advance actions for PMC services to prepare feasibility studies and detailed project reports, undertake public outreach program, and oversee construction to meet the above objective. Selection process and contract management will be carried out by the DJB with support from the ADB.

B. Scope of the PMC

6. The PMC will assist DJB in implementing projects 1 and 2 of the proposed investment program through the period of the MFF. The scope of services will include but not be limited to the activities described below.

1. Feasibility Studies

7. Undertake a review of the NCTD Water Supply Master Plan prepared by DJB with assistance from JICA and its recommendations for the Wazirabad WTP Command Area and structure detailed scope of the works and operation contracts – for the WTP and the networks. In preparing the feasibility report, the PMC will undertake a technical, financial, and economic due diligence of various options. To support financial and economic viability analysis, the PMC will undertake suitable surveys and investigations. The outcome of the feasibility study shall be suitable contracting options for the command area.

2. Detailed Project Reports

8. Based on the contracting options determined during the feasibility study, the PMC shall prepare Detailed Project Reports (DPRs) that shall inform the bidding document for the works and operation contracts. The PMC shall undertake:

- a. Topographical surveys and geotechnical investigations;
- b. Asset/ network conditional assessment and inventory;
- c. Investigations to establish Service Level Benchmarks (SLBs);
- d. Develop a SCADA for the WTP and distribution network;
- e. Strengthen the existing GIS;
- f. Develop rate analysis;
- g. Develop detailed engineering designs and cost estimate (for works and operations); and
- h. Develop employer's specification for works, and develop tender drawings.

9. The DPR shall feed into the bidding document for the works and operation contracts that shall be based on ADB's standard bidding document.

10. Additionally, the PMC will be responsible for safeguards compliance and shall undertake suitable surveys and investigations to develop implementation plans ensuring compliance with the investment program's environmental assessment and review framework, resettlement framework, and indigenous people's development framework. Both projects of the investment program are likely to be classified as effective gender mainstreaming and in this regard, the PMC will support DJB in implementing the DWSIIP Gender Action Plan.

3. Bid Process Management

11. The PMC shall support the DJB in the bidding process from bidding document preparation through till contract negotiations and award. DJB may use its e-procurement system as acceptable to ADB. A two stage procurement method is expected to be adopted and the PMC shall support DJB in the evaluation of the technical and financial bids. All procurement actions will follow ADB Procurement Guidelines.

12. The PMC's support should ensure that bidding documents for ADB's review contain the environmental management plans and the resettlement plans for the respective contract

packages. It will also ensure that no contract awards are recommended without compliance with safeguards and until suitable compensations, as required, are made.

4. Public Outreach Program

13. The PMC will undertake a public outreach program that will generate community awareness of the investment program and its benefits. The PMC will engage with civil society organizations (CSOs) to seek community participation in the investment program and ensure that the investment program is socially inclusive. It will keep the community informed of objectives and progress of the investment program and employ suitable means to communicate the information including social media, campaigns, etc.

5. Construction Engineering and Inspection

14. The PMC shall assist DJB in overall management of the investment program 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 and annual) reports and completion reports, and advice on problems/ bottlenecks prevailing or anticipated and counter measures/ corrective actions required. It will also monitor contractor performance with regards SLBs and other key performance indicators determined during project preparation. It will be responsible for inspection during trial and commissioning of the system, and preparation of final inspection report, operation and maintenance (O&M) and other documents including Guidelines for Monitoring of NRW reduction.

6. Disbursement of Tranche/ Loan Proceeds and Government Funds

15. The PMC shall be responsible for good governance of the investment program and shall be accountable for financial management of the projects. Disbursement of funds – tranche/ loan and government counterpart funds – will be managed by the PMC. ADB will provide adequate oversight to ensure that good operating procedures are followed.

C. Level of Effort and Eligibility

16. The total period for the PMC assignment is 108 months with a minimum of 317 person months for international consultants and 938 person months for national consultants excluding support staff.

17. The Applicant may be an independent single firm, a joint venture (JV), or an association of firms. The EOI must clearly indicate/state who the Lead Partner is when more than one firm associate. Only firms (and professionals in the firms) from ADB member countries may submit expressions of interest for the assignment.

18. The Applicant should have experience of having worked with multilateral and bilateral organizations, and the private & public sector under engineering, procurement and construction (EPC) contracts. An applicant entity cannot use experience of its parent company and its sister company. Each firm, JV member, and association member should be profitable over a three years period.

D. Submission of EOIs and Shortlisting

19. Eligible firms (single entity, JV or all members of the association of firms) interested in being considered may submit their EOIs comprising:

- List of similar assignments of complexity, nature and size 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.
- List of similar assignments of complexity, nature and size in progress with brief project description, relevancy, cost of the services, and cost of project, employer and funding agency.
- List of assignment completed successfully and/or in progress over the last 10 years covering a resident population of 1 million, indicating experience in water utility improvement areas, e.g. customer relations, billings, routine maintenance, financial planning, staff development, etc.
- List of assignments completed successfully and in progress over the last 10 years indicating experience in designing and/or implementing 24*7 water supply systems for minimum 50,000 connections in one assignment.
- List of assignments demonstrating experience in transaction advisory services for structuring public-private partnership contracts.
- List of assignments demonstrating adequate local knowledge of working with civil society organizations and in conducting public outreach programs
- List of similar assignments in India and countries having similar conditions as in India.
- Company profile and a list of relevant skills with the staff and indicative Curriculum Vitae.
- Experience of multilateral and bilateral organization funded projects and EPC contracts.
- Company registration certificate/s and document/s of Latest Annual Report and audited accounts.
- Document/s clearly showing last three (3) year annual turnover figures.
- Eligibility statement.
- Declaration that the firm, its affiliates or subsidiaries, including any subcontractors or supplier for any part of the contract, are OR are not on the sanction list of any multilateral (including ADB) or bilateral organization, Indian Central or any State Government, or any entity controlled by an Indian Central or any State Government (controlling stake).

20. 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 as a soft copy through ADB's Consultant Management System (CMS) on or before 23:59 hrs Manila Local time (21:29 hrs Indian Standard Time) on 20th April 2015. No application shall be received after the deadline.

21. DJB shall examine the EOI and evaluate them as per information and documents submitted by the applicants to finalize the list of short listed firms. 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. DJB will not reimburse any cost or expenses incurred in connection with the preparation of delivery of EOI or visits to any office or site.

22. Only the short listed applicants shall be invited to submit their detailed proposals for the PMC services. A quality and cost based selection method shall be used to select the firm.

-Sd/-

E.E (DWARKA) WTP

No. F-2(101) /EE (DWARKA) WTP/2014-15/

Dated: 16.03.2015

Copy for kind information to:-

1. CEO/Member (A)/Fin/Dr./WS
2. All CE's
3. Sh. Sanjay Kumar Singh, Under Secretary(ADB-I), DEA, Ministry of Finance, North Block, New Delhi
4. Dir. (F&A)/Addl.CEO/DOV, DJB
5. Mr. Vijay Padmanabhan, Mission Leader, Urban Development and Water Division, South Asia Regional Department, through E-mail:vpadmanabhan@adb.org for uploading on the CMS, ADB website.
6. SE(Project) Water-I,II,III./ SE(E&M)WC
7. ALL EE(Project) Water
8. DY. A&FO-I, II & III / AO(Project) Water-III/ AAO(Dwarka)WTP
9. Notice Board, EE(Dwarka)WTP
10. Consulting Engineers Association of India, OCF Plot NO-2, Pocket-9,Sector-B, Near Vasant Kunj- Masoodpur flyover (behind Jagannath Institute of Management Studies) Vasant Kunj, New Delhi-110070
11. Contractor's Association, T-471 Dargah Pir Rattan, Jhandewalan, New Delhi.
12. Firms/Consultants in the field.
13. Consultants (PR) with 20 Copies & One soft copy for wide Publication of EOI in leading newspapers on all India Basis.
14. EE(EDP): to Display on DJB Website
15. All Foreign missions/embassies of different countries in Delhi with the request to give wide publicity in their country.

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