

LETTER OF INVITATION

Baseline survey of Water Quality Testing Laboratories established under Rural Drinking Water Supply & Sanitation Department at District & Taluk Level.

RDW&SD has established Water Quality Testing Labs at District Headquarters and Taluk Level to collect samples and conduct periodic tests on drinking water to ascertain their quality adhering to Indian Standards drinking water specifications IS 10500:2012

Currently there are 30 Districts and 49 Taluks Labs covering 176 Taluks and spread across the State of Karnataka.

The Department wishes to hire professional agency with adequate resources to conduct baseline survey of all these to get a first-hand and accurate information on the current status of these laboratories so as to enable the Department to effectively intervene in improving the performance & productivity of these laboratories based on the audit findings.

The scope of work in this assignment will include responsibility of developing the audit protocols as per IS/ISO/IEC 17025, conduct detailed audit of the 79 laboratories, identify infrastructural or any other gaps and recommend the steps for improvement these labs along with a tentative budget estimate for each of the labs. As a reference, ISO- 17025 guidelines is attached as **Annexure-I** and the list of laboratories along with address and nodal officers contacts is attached as **Annexure-II**.

The Labs should be able to conduct tests on the following 13 parameters as per the Uniform Drinking Water Protocol by Ministry of Jal Shakthi.

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|--------------|--------------------|-------------------|---------------------------|---------|
| 1. Turbidity | 2. pH | 3. Total Hardness | 4. Total Dissolved Solids | 5. Iron |
| 6. Chloride | 7. Fluoride | 8. Nitrate | 9. Total Alkalinity | |
| 10. Arsenic | 11. Total Coliform | 12. E-Coli | 13. Sulphate | |

The scope of work will include;

- Visit to each lab and conduct a comprehensive audit as per the agreed protocol.
- To accurately record all the relevant data of the lab, including recording of GPS coordinates, photographs and video as required.
- To submit a detailed audit report with detailed analysis, findings and data to the department and providing a feedback regarding the current status of the Labs and actionable inputs for carrying out improvements / upgrades for each of the labs along with the budget requirements.

The reputed firms/ agencies are requested to submit their proposals aligned with the general requirements for the competence of the testing & calibration of laboratories ISO 17025 along with budget estimates and time and resources required for completion of the assignment. The proposals as mentioned above shall be submitted to Commissioner, 2nd Floor, KHB Complex, Cauvery Bhavan, K.G. Road, Bengaluru-560 009 on or before 24-02-2020 along with filled in **Annexure-III** format and supporting Documents. For any clarifications, the queries can be sent to E-mail-id: rdwsd.wqmisp@gmail.com


Commissioner,
RDW&SD, Bengaluru.