# Jal Jeevan Mission, Chhattisgarh

## (Public Health Engineering Department Govt. of Chhattisgarh)

*E-mail: phed-tendercell@cg.gov.in*

**EOI NO. 23 /JJM/MANUFACTURER REGISTRATION Date - 15-02-2023**

**Expression of Interest EOI for Empanelment of manufacturers for Supply of Portable Multiparameter water quality analyzer and necessary accessories & chemicals/ reagents, its training and commissioning.**

| Sl. No. | Particulars | Fees | Remarks |
|---|---|---|---|
| **A.** | Registration fees for manufacturer | Rs. 50,000 (GST @ 18% Exclusive) | Non Refundable |
| **B.** | Empanelment processing fees for manufacturer | Rs.50,000 (GST @ 18% Exclusive) | Non Refundable |
| **C.** | Security Deposit from the manufacturer of outside Chhattisgarh state | Rs.10,00,000 | Refundable |
| | Security Deposit from the manufacturer of Chhattisgarh | Rs.7,50,000 | Refundable |

| **Renewal for all manufacturers (in Rs.)** | | | |
|---|---|---|---|
| **Sl. No.** | **Fees** | **For One Year** | **For Three Year** |
| 1. | Renewal Fees | Rs.50,000 (GST@ 18% Exclusive) | Rs. 1,42,500** (GST@ 18% Exclusive) |

** **5% Rebate for 3 years**

## 1. Purpose of EOI and Application document-

The purpose of this EOI and attached application document is for registration and empanelment of manufacturers of **Portable Multiparameter water quality analyzer (and necessary accessories & chemicals/ reagents, its training and commissioning).** The **Portable Multiparameter water quality analyzer** will be supplied and used in the laboratories at block/Sub division for testing of water. Interested applicant may download the document from the website - *www. phed.cg.gov.in*

## 2. Fee Structure -

| Sl. No. | Particulars | Fees | Remarks |
|---|---|---|---|
| A. | Registration fees for manufacturers | Rs. 50,000 (GST @ 18% Exclusive) | DD/RTGS/NEFT in favour of Mission Sanchanalaya Jal Jeevan Mission<br>A/c No. - 0049104000559157<br>IFC Code No. - IBKL0000049<br>MICR - 492259002 |
| B. | Processing fees for manufacturers | Rs.50,000 (GST @ 18% Exclusive) | |
| C. | Security Deposit from the manufacturer of outside Chhattisgarh state | Rs.10,00,000 | |
| | Security Deposit from the manufacturer of the Chhattisgarh | Rs.7,50,000 | |

| Renewal for all manufacturers (in Rs.) | | | |
|---|---|---|---|
| **Sl. No.** | **Fees** | **For One Year** | **For Three Year** |
| 1 | Renewal Fees for Empanelment | Rs.50,000 (GST@ 18% Exclusive) | Rs. 1,42,500** (GST@ 18% Exclusive) |

* 5% Rebate for 3 years

# GOVERNMENT OF CHATTISGARH

## Public Health Engineering Department

## NOTICE

Public Health Engineering Department is the Nodal Agency in Chhattisgarh State for providing drinking water and Sanitation facilities in rural areas with a mission to ensure safe and adequate Drinking Water Supply to all the habitations in rural areas through different programs.

Jal Jeevan Mission here by intend to invite Expression of Interest (EOI) from reputed manufacturers of Portable Multiparameter water quality analyzer (and necessary accessories & chemicals/ reagents, its training and commissioning). The Portable Multiparameter water quality analyzer which is to be used for testing of water quality parameters at block/sub division(s) of Public Health Engineering Department. List of item for which this EOI is invited as per **Annexure-B**.

The firm satisfying minimum eligibility conditions should fill-up the attached formats for empanelment along with an Affidavit as per **Annexure-D** (on Rs.100/- non-judicial stamp paper duly notarized) and submit to the Chief Engineer, Tender Cell, CGPHED/JJM, Raipur, Chhattisgarh, Pin-492001 on or before 27-03-2023 time 17:30 hours.

**1.** For all practical purposes, last 5 Financial years implies : 2021-22, 2020-21, 2019-20, 2018-19 and 2017-18.

**1.1 New manufacturing unit of the Chhattisgarh State means the unit established on or after 1st of April 2019.**

## 2. Minimum Eligibility Conditions :

2.1. The Manufacturer should be registered in India.

2.2. The Manufacturer should have GSTIN anywhere in India and their authorised dealer shall have GST numberof Chhattisgarh State.

2.3 The manufacturers should have the performance test certificates (Evaluation of water quality test report of instruments) from CSIR/DRDO/Shree Ram Institutes/International Center for Clean Water at IIT Madras for Portable Multiparameter water quality analyzer.

2.4 The Manufacturer should not have been Blacklisted/Debarred by any Government/Semi Government/PSU in India. Self declaration certificate to be submitted by manufacturer.

2.5 The Manufacturer should possess ISO: 9001:2015 Certification for quality management and is mandatory.

2.6 The Manufacturer shall indicate pending Disputes/Litigations, if any, with Government/ Semi Government/PSU.

2.7 The Manufacturer should be an active manufacturer of Portable Multiparameter water quality analyzer (and necessary accessories & chemicals/ reagents) **for minimum last 3 year**.

2.8 The manufacturer from outside the Chhattisgarh State must have minimum cumulative turnover of Rs.5 Crores (in last 5 financial years).

2.9 For units of Chhattisgarh, the minimum cumulative turnover should be Rs.2.5 Crores (in last 5 years). Copies of last 5-years balance sheet to be attached.

**Turn over criteria is not applicable for new manufacturing units of Chhattisgarh State.**

2.10 The manufacturer should submit self-attested work orders, Inspections reports & Invoice copies of the supply orders of Portable Multiparameter water quality analyzer. If the documents submitted by the manufacturer are found false, the manufacturer will be disqualified without any prior notice.

2.11 The Manufacturer has to submit the Application and Documents serially page numbered, self-attested and all the documents shall be stamped and signed.

2.12 The Manufacturers should submit self-attested work orders, Inspections reports &Invoice copies for the supply of required quantity. If the documents submitted by the manufacturer are found false the manufacturer will be disqualified without any prior notice.

2.13 The Manufacturers has to submit the Application and Documents serially page numbered, self-attested and all the documents shall be stamped and signed.

2.14 The Empanelled manufacturers shall help the Division/Subdivision for NABL accreditation/recognition. 5% of the amount of agreement shall be witheld till NABL accreditation/recognition of the lab is achieved.

2.15 The Manufacturer after Empanelment should have 2 service engineers based out at Raipur or Should give an undertaking to setup a service centre for the duration of this project.

## 3 Date for submission of Expression of Interest -

The last date & time for submission of the Expression of Interest (EOI) is before dated 27-03-2023 at 17:30 hours on Chief Engineer, Tender Cell, CGPHED/JJM, Raipur, Chhattisgarh is empowered to exercise his powers eitherto cancel or extend the date for Expression of Interest. Any EOI received after the due date and time will not be considered eligible for empanelment. The Chief Engineer, Tender Cell, CGPHED/JJM, Raipur, Chhattisgarh is empowered to exercise his powers either to accept or reject any application without giving any explanation. All documents, whatsoever shall be submitted by registered/ Speed Post IPO/ by Hand.

## 4 Forfeiting of Security Deposit -

In case of poor quality material or Services found unsatisfactory , CGPHED/JJM shall have the rights to forfeit the Security Deposit and Blacklisted/Debarred manufacturer up to 3 years from all future business in CGPHED/JJM.

## 5 Refund of Security Deposit -

The securitydeposit shall be refunded on request of manufacturer or till the end of 3 year of empanelment period whichever is earlier.

## 6 Place for submission of Expression of Interest& Method of Delivery-

The Expression of Interest shall be addressed to the Chief Engineer, Tender Cell, CGPHED/JJM, Neer Bhawan, Civil Lines, Raipur, Chhattisgarh, Pin-492001 through Registered/Speed Post IPO only. The tentative schedule shall be

| Parameter | Date |
|---|---|
| Issue of Notice | 15-02-2023 |
| Submission of EOI | 27-03-2023 at 17:30 hrs |

## 7 Ownership of documents submitted -

All documents submitted become the property of CGPHED/JJM. Where the applicant believes, that information provided in response to this EOI will be kept confidential; or disclosure of this information would unreasonably affect the Proponent's business affairs, notice is to be given at the time of delivery of the information or documents by clearly marking such information confidential. In so far as is practicable, CGPHED/JJM will give effect to the applicant's stated wishes, and requests for access to such information will be determined under the RTI Act.

## 8 Contractual Obligation -

i. CGPHED/JJM is not bound contractually or in any other way to any applicant to this Expression of Interest (EOI). CGPHED/JJM is not liable for any costs of compensation in relation to the consideration of this EOI or any EOI by the Applicants, to this EOI whether or not CGPHED/JJM terminates, varies, or suspends the EOI process or takes any other action permitted under this EOI.

ii. **The empanelment in no way means that CGPHED/JJM is bound to procure the item either by itself or through its contractors.**

iii. For a particular item there may be more than one make/manufacturer in the list of recommended makes of items of Portable Multiparameter water quality analyzer as decided by the committee.

iv. CGPHED/JJM is empowered to exercise its powers either to remove any Manufacturer/ Firm from empanelled list at any time, if quality of the product or services are found unsatisfactory then the manufacturer shall be Blacklist/Debarred up to 3 years from all future business in CGPHED/JJM and SD shall be forfeited.

## 9 Shortlisting of Applicants -

Manufacturers would be empanelled / enlisted after the evaluation process of empanelment.

## DISCLAIMER

The issue of this document does not in any way commit or otherwise obliges CGPHED/JJM to proceed with all or any part of the empanelment process. The EOI request is not the subject of any contract process or any contractual obligations between CGPHED/JJM and applicants. CGPHED/JJM may, at its absolute discretion, rejector abandon any part or whole of the process without giving prior notice to the applicants. CGPHED/JJM is empowered to exercise its powers either to consider or reject any offer/EOI at any point of time without assigning any reasons what soever.

**If any malpractice, non-adherence to Standards and Specifications in production/supply of materials is observed, the company shall be Blacklisted/Debarred up to 3 years from all future business in CGPHED/JJM and SD shall be forfeitedand the information shall be passed across all department without any prior notice.**

# ADDITTIONAL INFORMATION / CONDITIONS

**1.** Initially, the validity of the Registration shall be for a period of one year subject to renewal as per terms and conditions. The subsequent empanelment will be only after completion period of the earlier tenure of empanelled manufacturer with successful track record.

**2.** CGPHED/JJM is empowered to exercise its powers to reject any application for empanelment and withdraw empanelment of the Company from approved manufacturers list without any reasons whatsoever.

**3.** The incomplete applications/not complying with instructions are liable for rejection and no further correspondence on the subject will be entertained. Registration & Empanelment fee paid is not refundable in such cases.

**4.** It may be noted that Getting registered under the manufacturer empanelment process shall not be construed to mean that the "**manufacturer is deemed to meet the qualification requirements for the different materials supplied for JJM projects**". The material shall be considered suitable only if the equipment/materials are manufactured and tested as per the relevant specifications and as per the terms and conditions stipulated for the respective projects and any additional terms and conditions may be stipulated by the CGPHED/JJM for the equipment/materials during the course of supply.

**5.** Incomplete, partially complete or not clearly filled forms giving incorrect information are liable for rejection.

**6.** Any information/clarification required by CGPHED/JJM during manufacturer empanelment process, shall be provided expeditiously by applicants (within desired time frame).

**7.** Submission of EOI does not automatically guarantee for empanelment by CGPHED/JJM. The CGPHED/JJM does not take any responsibility for any loss in transit of EOI documents Registered/Speed Post IPO.

**8.** CGPHED/JJM is empowered to exercise its powers to call for additional information and/orcheck, verify all the information furnished in the application.

**9.** The decision of CGPHED/JJM shall be final on all matters.

**10.** CGPHED/JJM is empowered to exercise its powers to cancel the empanelment, SD shall be forfeited and the manufacturer shall be black listed/debar up to 3 years from business of CGPHED/JJM, of any manufacturer for reasons of the following:

a. If manufacturer have submitted false particulars/fake documents for securing empanelment
b. If poor performance is reported toCGPHED/JJM
c. If after sales service/response time is not satisfactory
d. Deviations in specifications (if any)
e. If Blacklisted/Debarred from other competent agencies/authority.

**11.** This EOI is applicable for Empanelment of Manufacturing Units in future too. Interested manufacturers can apply for Empanelment as per terms & conditions of this EOI.

**12.** Inspection & Visits - Departmental officials are free to inspect the factory of manufacturer/sites where the component is being used.

# ANNEXURE - A

## FORMAT FOR EMPANELMENT OF MANUFACTURERS

| Sl. No. | Details | Remarks |
|---|---|---|
| 1 | Name of the Manufacturer | |
| 2 | Name of the item: Portable Multiparameter water quality analyzer duly inspected and tested. | |
| 3 | Brand of the items | |
| 4 | Registered Office Address | |
| 4.1 | Telephone landline | |
| 4.2 | Mobile / Fax No | |
| 4.3 | Web address | |
| 4.4 | Email Address | |
| 5 | Factory address | |
| 5.1 | Telephone landline | |
| 5.2 | Mobile / Fax No | |
| 6 | Category of Unit (MSME or Large Enterprise) | |
| 6.1 | For Micro/Small Scale Industrial unit, the registration certificate issued by competent authority with registration No., date of issue, validity of registration Enclose details. | |
| 6.2 | In case of Medium/Large Scale Industry: Factory license allotted by the competent authority with registration No. & Date of issue, validity of registration Enclose details. | |
| 7 | Year of Establishment of factory | |
| 7.1 | Commencement of Manufacturing/Production date | |
| 7.2 | Date of formation of the Firm/Company as per the certificate issued from the Registrar of the Firm/Company Enclose details. | |
| 8 | Nature of company (Sole Proprietorship, Partnership, Private limited or otherwise) | |
| 9 | GST Registration (Enclose details) | |
| 10 | Income Tax PAN (Enclose details) | |
| 11 | For clarifications, person(s) to be contacted, Name / Designation / Phone number | |
| 12 | Annual turnover of the last 5 financial years (2017-18, 2018-19, 2019-2020, 2020-21 and 2021-22). | |
| 13 | Annual turnover/sales of only Portable Multiparameter water quality analyzer of the last 5 financial years (2017-18,2018-19,2019-2020, 2020-21 and 2021-22). | |
| 14 | Credentials or proof of supply of item for Government/Semi-Government/PSUs works (Enclose details). | |
| 15 | Whether blacklisted by any of the Government Institution(s) / Semi Government / PSU in India (Self Declaration). | |
| 16 | ISO Certification, validity date (Enclose Details). | |
| 16.1 | Past performance details (Name of the Department, Year of supply, Quantity supplied (in Nos.) / Annexure F | |
| 16.2 | Central Government (if any) (Enclose details) | |
| 16.3 | State Government (if any) (Enclose details) | |

I hereby declared that the above information is correct as per the best of my knowledge and belief.

**Note: All Annexures must be flagged properly.**

Place : ……

Date : ……

**[Signature of firm's authorized representative with Seal]**

# ANNEXURE – B

## COMPONENTS FOR WHICH EMPANELMENT IS BEING DONE

| SL. No. | Item / Component |
|---|---|
| 1 | Portable Multiparameter water quality analyzer and necessary accessories & chemicals/ reagents, its training and commissioning. |

# ANNEXURE – C

## 1. Technical Specification

### a) Portable Multiparameter Water Quaity Analyzer

Determination of Temperature, Color, Turbidity, pH, TDS-Electrical Conductivity, Total Alkalinity, Chloride, Fluoride, Nitrate, Sulphate, Total Hardness, Iron, Residual Chlorine-Total 13 Parameters

A multi-parameter water testing device integrated with 4 Measurement Techniques: Potentiometric, Electrical Conductivity, Colorimetric & Nephelometric which is Pre-Programmed & Pre-Calibrated for testing 25 parameters (Turbidity, pH, TDS-Electrical Conductivity, Total Alkalinity, Chloride, Fluoride, Nitrate, Sulphate, Total Hardness, Iron, Residual Chlorine, Manganese, Zinc, Chromium, Ammonia, Copper, Aluminium, Phosphate, Arsenic, Lead, Cadmium, Colour, Nickel, Phenol and Cyanide) for Water Analysis with Integrated GPS & Online Data Transfer facility. The machine shall be enabled to measure pH, EC, TDS and Temperature simultaneously, enabled for routine analysis of large no. of samples, support multiple path length (max. 50mm) portable and battery operated with stable LED light source, with 7 inch high resolution graphical display, must have built in GPS tracker, shall support online date transfer to cloud/central server, with storage capacity of 5000 measurments including/location id, sample id, time, date etc. and shall have interface USB, 3G/4G.

The following accessories shall be supplied with the instruments.

i. pH and E/TDS combined electrode.
ii. 2 inches thermal printer
iii. Carrying case
iv. 24mm vials / 12 nos.

**Accessories to be supplied with the Instrument**

- pH&E/TDS Combined Electrode
- 2 Inch Thermal Printer
- Carrying Case
- 24 mm vials– 4 No’s

v) Principle of 13 Parameters shall be as per sheet no 1 below

**Sheet No. - 1**

| S.No. | Parameter | Range | Method |
|---|---|---|---|
| 1 | Temperature | 10C – 50C | IS-3025/APHA23RDED. |
| 2 | Colour | 1 Hazan-100 Hazan | IS-3025/APHA23RDED. |
| 3 | Turbidity | 0.1 NTU-500NTU | IS-3025/APHA23RDED. |
| 4 | pH | 02-14 | IS-3025/APHA23RDED. |
| 5 | TDS | 05-5000mg/1 | IS-3025/APHA23RDED. |
| 6 | T. Alkalinity | 02-2000 mg/1 | IS-3025/APHA23RDED. |
| 7 | Chloride | 02-2000 mg/1 | IS-3025/APHA23RDED. |
| 8 | Fluoride | 0.01-20 mg/1 | IS-3025/APHA23RDED. |
| 9 | Nitrate | 1 mg-100mg | IS-3025/APHA23RDED. |
| 10 | Sulphate | 1mg-1000mg/1 | IS-3025/APHA23RDED. |
| 11 | T. Hardness | 02-2000mg/1 | IS-3025/APHA23RDED. |
| 12 | Iron | 0.1-20mg/1 | IS-3025/APHA23RDED. |
| 13 | Residual Chlorine | 0.1-10 mg/1 | IS-3025/APHA23RDED. |

For other parameters manual of CPHEEO of water supply shall be followed.

vi) Commercial rate to be submitted as per the sheet 2 below

**Sheet No.- 2 (Price for each unit)**

| S.N. | Description | Manufacturer | Basic Price (INR) |
|---|---|---|---|
| 1 | Portable Multi Parameter Water Quality Analyzer (e - jal) with printer<br>• Includes Cloud Storage<br>• We based Software for Data Analysis | | |
| 2 | Certified Reference Material (Standards) for Calibration of the equipment for all the 13 parameters. | | |
| 3 | Support for NABL Recognition Standard 139 for above instrument (For the following parameters, ( Temperature, Color, Turbidity, pH, TDS- electrical conductivity, total Alkalinity, Chloride, Fluoride, Sulphate, Nitrate, Total Hardness, Iron, Residual Chlorine- Total 13) | | |
| 4 | Consumables/Reagents Required for Testing Temperature, Color, Turbidity, pH, TDS- electrical conductivity, total Alkalinity, Chloride, Fluoride, Sulphate, Nitrate, Total Hardness, Iron, Residual Chlorine- Total 13 Parameter) to analyes 1000 Samples | | |

b) **The equipment and reagents shall be of the same company**

i. Ready to use reagents for performing 1000 tests for the parameter- Temperature, Color, Turbidity, pH, TDS-Electrical Conductivity, Total Alkalinity, Chloride, Fluoride, Nitrate, Sulphate, Total Hardness, Iron, Residual Chlorine- Total 13 Prameters.

ii. The reagents should have a shelf life of more than 2 years from the date of supply.

c) **Certified Reference Materials for Calibration**

i. Certified Reference Material (Standards) for Calibration of the equipment for all the 13 parameters Traceable to ISO 17034: 2016

ii. Shelf Life of 2 Year

**3. Pre-Bid Meeting**

The pre-Bid meeting shall be held on the_____, in the O/o of The Mission Director, Neer Bhawan Civil Line, Raipur Chhattisgarh, however:

3.1 Any change in the schedule of pre-proposal meeting will be communicated on the ***website only***, and no intimation to Agency will be given separately/ it will also not be circulated vide news papers.

3.2 Any prospective Agency may raise his queries and/or seek clarifications in writing before or during the pre-proposal meeting. The purpose of such meeting is to clarify issues and answer questions on any matter that may be raised at that stage.

# Annexure-D

## Affidavit

**(On Non-Judicial Stamp of Rs.100/- duly notarized)**

I/We _____ who is/are _____ (Status in the firm/Company) and competent for submission of the affidavit of M/s _____ (firm) do solemnly affirm on oath and state that :

I/We am/are fully satisfied for the correctness of the certificates/records submitted in support of the information submitted in Expression of Interest for the work of Empanelment of Manufacturer/Brand/Make as recommended for water supply schemes to be executed by Jal Jeevan Mission/PHED Chhattisgarh.

I/We are fully responsible for the correctness of following self-certified information/ documents and certificates :

1. That the self-certified information given in the EOI is fully true and authentic
2. No close relative of the undersigned and our firm/company is working in Jal Jeevan Mission/PHED Chhattisgarh. (or) Following close relatives are working in Jal Jeevan Mission/PHED Chhattisgarh. Name _____, Post _____.

I/We fully accept and are bound to the terms and conditions mentioned in the EOI Document above, if empanelled.

We understand that any information/document submitted by us, if found false/fake/fabricated at any point of time, that may lead to blacklisting of my firm or any legal action by the Jal Jeevan Mission/PHED Chhattisgarh.

**Signature with seal of the Deponent (participant)**

I/We, _____ above deponent do hereby certify that the facts mentioned in above paras are correct to the best of my/our knowledge and belief. Verified today _____ (dated) at _____ (Place)

**Signature with seal of the Deponent (participant)**

# Annexure-E

## PAYMENT SCHEDULE

**The Breakup of payment shall be as follows** : -

| S.N. | Description | Breakup of Payment |
|---|---|---|
| 01 | Supply of Portable Multiparameter water quality analyzer and necessary accessories & chemicals/ reagents, | 75% |
| 02 | Commissioning of equipment and its training for the staff. | 20% |
| 03 | After NABL Certification of lab | 05% |

ANNEXURE - F

# PERFORMANCE CERTIFICATE

1. Name of organization/ office
2. Name of works
3. Agreement No.
4. Work order No. & date
5. Stipulated Time Period
6. Actual Completion date
7. Agreemented Value
8. Description of item and it's Quantity with the brand or make procured for the project :-

| Sr. No. | Description of item | Quantity | Brand or Make |
|---|---|---|---|
| | | | |
| | | | |

9. **Performance of the brand or make item (from Govt/Semi Govt/PSU) :-**

It is certified that performance of the item ……. of brand or make ……. (procured and used in the project) is found excellent / good / satisfactory. The above procured items running efficiently since last …… years in the said project.

(Signature of the officer not below the rank of Executive Engineer with seal)