



क्षेत्रीय कार्यालय

## राजस्थान राज्य प्रदूषण नियन्त्रण मण्डल

एसपीएल-2 मरूधर इण्डस्ट्रीयल एरिया, बासनी प्रथम चरण जोधपुर

Phone No. 0291-2723225 Email ID-rorpcb.jodhpur@gmail.com

क्रमांक :- राप्रनिम-जोध/ स्था/निविदा संख्या-01/2024-2025/1355

दिनांक: 01/07/24

### खुली बोली निविदा सूचना 01/2024-2025

क्षेत्रीय कार्यालय, राजस्थान राज्य प्रदूषण नियंत्रण मण्डल, जोधपुर के अन्तर्गत For Selection of Service Provider for Monitoring, Sampling and Analysis (including transportation & other miscellaneous charges) of various environment parameters in CEPI area under the jurisdiction of Regional Office, RSPCB, Jodhpur का कार्य (अनुमानित कार्य लागत-5.85 लाख रुपये) अनुबन्ध के आधार पर कराने हेतु अनुभवी फर्मों एवं पंजीकृत संस्थाओं/एजेन्सियों से दर प्राप्ति हेतु डबल कवर सिस्टम में खुली बोली निविदा आमंत्रित की जाती है। बोली निविदा प्रपत्र दिनांक 02/07/2024 से दिनांक 09/07/2024 दोपहर 2:00 बजे तक बोली प्रपत्र शुल्क 500/- रुपये नकद/डीडी/बैंकर चैक द्वारा जमा करवाकर प्राप्त किये जा सकते हैं। खुली बोली निविदा सूचना सम्बन्धित सभी दस्तावेज की सम्पूर्ण जानकारी विभागीय वेबसाईट <http://www.environment.rajasthan.gov.in/rpcb> एवं [sppp.rajasthan.gov.in](http://sppp.rajasthan.gov.in) पर भी देखी जा सकती है।

NIB Code-.....PCB2425A0020

UBN Code-~~23~~.....PCB2425SSOB0021

क्षेत्रीय अधिकारी  
राप्रनिम, जोधपुर

RajKaj Ref  
8530453

Signature valid

Digitally signed by Shilpi Sharma  
Designation: Senior Environmental  
Engineer  
Date: 2024.07.01 18:45:35 IST  
Reason: Approved



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### Open-Bid Document

**For Selection of Service Provider for Pre & Post Monsoon Monitoring, Sampling, Analysis (including transportation & other miscellaneous charges) and study of various environment parameters in CEPI area under the jurisdiction of Regional Office, RSPCB, Jodhpur**

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**Signature valid**

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135-5  
01/07/24

**Notice for Inviting Open Bids Selection of Service Provider for Pre & Post Monsoon Monitoring, Sampling, Analysis (including transportation & other miscellaneous charges) and Study of various environment parameters in CEPI area under the jurisdiction of Regional Office, RSPCB, Jodhpur**

- 24 hours monitoring/Sampling and analysis of Ambient Air quality at 04 locations in three rounds.
- Sampling and analysis at 02 surface water sampling locations in three rounds.
- Sampling and analysis at 06 ground water sampling locations in three rounds.
- Report preparation and data interpretation.

<b>Name &amp; Address of Procuring Entity</b>	Regional Office Jodhpur Rajasthan State Pollution Control Board SPL-02 Marudhar Industrial Area, Basni Ist Phase Phone: 0291-2723225, e-mail: rorpcb.jodhpur@gmail.com
<b>Period of online availability of Bid Documents (Start Date/ End Date)</b>	Start Date: 02-07-2024 from office hours End Date: 09-07-2024 2:00 afternoon
<b>Approximate Cost of Bid</b>	Rs 585000/- (Five Lacs Eighty Five Thousand Rupees).
<b>Tender Document Fee</b>	Rs 500/- (Rupees Five Hundred Only) in favour of Member Secretary, RSPCB, Jaipur.
<b>Earnest Money Deposit</b>	Rs 11700/- (i.e. 2% of Cost of Bid)
<b>Work Performance Money Deposit</b>	Rs 29250/- (i.e. 5 % of Cost of Bid) (Rupees Five Hundred Only) in favour of Regional Officer, RSPCB, Jodhpur.
<b>Website for downloading /receiving Bidding Document, Corrigendum's, Addendum s etc.</b>	<a href="https://sppp.rajasthan.gov.in/">https://sppp.rajasthan.gov.in/</a> and <a href="http://www.environment.rajasthan.gov.in">http://www.environment.rajasthan.gov.in.</a> and from Regional Office, RSPCB in any office hours day.
<b>End Date for submission of Bids i.e. Bid Submission Date</b>	End Date: 09-07-2024 at 4:00 PM
<b>Date and Time of opening of Technical and Financial Bid</b>	Date: 10-07-2024 at 01:00 PM
<b>Preparation of Bids</b>	The Bids shall comprise of both Technical Bid & Financial Bids

**Note:**

- The Regional Officer (Procuring Authority), RSPCB, Jodhpur reserves the right to accept or reject any Bid, and to cancel the bidding process and reject all Bids at any time prior to award of contract, without assigning any reason.
- The detailed terms & conditions with specifications of equipment/instruments and bid document may be down loaded from website as mentioned above.
- The provisions of RTTP Act, 2012 & Rules, 2013, there to shall be applicable for this procurement, further move, in case of any inconsistency in any of the provision of these bidding documents with the RTTP Act 2012, & Rules 2013, there to the later shall prevail.
- Bidder for additional details such as estimated cost, important date, detailed information, qualification and eligibility criteria, visit <https://sppp.rajasthan.gov.in/> and [http://www.environment.rajasthan.gov.in.](http://www.environment.rajasthan.gov.in)

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Regional officer  
RSPCB, Jodhpur  
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**Instructions, terms and conditions for Providing Service for Monitoring, Sampling, Analysis (including transportation & other miscellaneous charges) and study of various environment parameters in CEPI area under the jurisdiction of Regional Office, RSPCB, Jodhpur.**

### 1. Bidding Process

- a) Rajasthan State Pollution Control Board has adopted two parts process involving Technical Bid and Financial Bids for selection of the Bidder for award of the Project (collectively referred to as the —Bidding Process). The first part involves technical qualification and short listing of the qualified Bidders who become eligible for opening of their Financial Bids

### 2. Eligibility criteria

- a) The bidder must have at least one full-fledged Laboratory accreditation by NABL for all the parameters to be tested under the scope of this project or collaboration with another NABL/MOEF & CC certified firm for mentioned parameters.
- b) The bidder should not have been blacklisted/ banned / debarred by any Government (State / Central) / Semi Government / Corporation / PSU in India in last 3 years for unsatisfactory past performance, corrupt, fraudulent or any other unethical business practices.
- c) The bidder must be a registered legal entity company/ registered firm incorporated in India. Copies of incorporation certificate, Net pay, Balance Sheet, and Profit & Loss Account/Income tax return in the last 01 financial years must be enclosed.
- d) The Bidder should have paid the Tender Fees & EMD as per rules.
- e) If The bidder should have an experience of executing similar works with State Pollution Control Board / CPCB/Govt. / PS, attached the Experience/work order related documents.
- f) Joint ventures and consortiums are allowed.

### 3. Bidding Document:

- a) Technical Bid.
- b) Financial Bid
- c) Earnest money in the Form of DD of 2%. Bidding cost.
- d) Tender document containing instructions, terms and conditions for Monitoring, Sampling and Analysis of various environment parameters in CEPI area under the jurisdiction of Regional Office, RSPCB, Jodhpur.
- e) Bidder Qualification Sheet. NABET / NABL accreditation certificate along with scope of laboratory and collaboration letter if joint venture firm.
- f) Authorization Certificate.
- g) CA Certificate/ Audited Annual Turn Over

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h) Declaration for Blacklisting and authorization.

#### 4. Selection Criteria:

All bidders shall submit documentary proof in support of meeting eligibility criteria. In the first stage of evaluation, a Proposal shall be rejected if it is found deficient as per the requirements of Tender Fee/eligibility for responsiveness of the proposal. Only responsive bids shall be further taken up for evaluation. Evaluation of the technical Bid will start first and at this stage the financial bid (proposal) will remain unopened. The Financial bids of all eligible & qualified bidders shall be opened.

#### 5. Scope of work of bidder: Pre Monsoon (June-2024 to July-2024) & Post Monsoon Monitoring (December-2024 to February- 2025).

- 24 hours monitoring/Sampling and analysis of Ambient Air quality at **04** locations in three rounds.
- Sampling and analysis at **02** surface water sampling locations in three rounds.
- Sampling and analysis at **06** ground water sampling locations in three rounds.
- Report preparation and data interpretation.

#### 6. General conditions:

- The Regional Officer, Rajasthan State Pollution Control Board, Jodhpur, Rajasthan reserves the right to accept or reject any one or all the tenders without assigning any reason thereof.
- The payment will be made to the bidder as per the payment schedule mentioned under the Payment Clause.
- That the bidder shall have to deposit 5% amount of the work order as security deposit/Performance Guarantee in the form of FDR/Bank Guarantee/Demand Draft pledged to Regional Officer, Rajasthan State Pollution Control Board, Jodhpur for Providing Service for Monitoring, Sampling, Analysis (including transportation & other miscellaneous charges) and study of various environment parameters in CEPI area under the jurisdiction of Regional Office, RSPCB, Jodhpur. The security deposit shall be forfeited if the bidder fails to complete the work in the stipulated time.
- The Firm shall fully comply with all applicable laws, rules and regulation relating to EPF/PF/CPF Act, minimum wages Act, Contract Labor Act, Workmen's Compensation Act and such other Acts or Laws, Regulations passed by Central, State and Local Govt. Agency or Authority from time to time.
- The Firm shall contribute and deduct equivalent amount towards Provident Fund from the basic wage of each worker provided by the Firm to Rajasthan State Pollution Control Board along with statutory charges as may be prescribed by law.

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to time as per law. Rajasthan State Pollution Control Board, Jodhpur shall not be liable for any past liability or otherwise and no claim shall be made for the same by the Firm to the Rajasthan State Pollution Control Board, Jodhpur in this regard. In addition to above, the Firm shall be under an obligation to produce receipt of EPF/PF/CPF deposit of all the workers provided by firm along with monthly bills submitted by it to Rajasthan State Pollution Control Board, Jodhpur.

- f) The bidder shall sign each page of tender document in token of his/her acceptance of the terms and conditions of the contract.
- g) That bidder shall solely be liable for any costs, charges or expenses arising out of any claims or legal proceedings in connection with or relating to its operation / activities under this agreement. The Contractor shall be liable to indemnify and keep indemnified the Rajasthan State Pollution Control Board, Jodhpur against any damages, compensation, costs, charges or expenses arising out of any claims or proceedings relating to its operations / activities.
- h) That bidder shall be wholly and solely responsible for full compliance of its statutory obligations under the provisions of labor laws, environment or any other law relating to its operations / activities. No child labor shall be employed by the contractor.
- i) That the successful bidder shall make alternate arrangements immediately, in case its worker go on strike. If no such arrangements are made by the contractor, the contract is liable to be terminated without notice and the security deposit shall be forfeited.
- j) That bidder shall ensure that its employees / workforce maintain the sanctity and not indulge in any activity which is against the sanctity of the smart city. Staff of the contractor shall not indulge in smoking or consumption of liquor/alcohol or consumption of any non- vegetarian food articles. They shall maintain proper decorum and discipline, and ensure proper conduct in speech and dress. They shall also refrain from any other activity which might hurt the sentiments of pilgrims.
- k) The bidder shall be responsible for behavior and conduct of his/her workers. No workman with doubtful integrity or having bad record shall be engaged by the contractor.
- l) The CEPI Methodology is enclosed with tender documents. The list of identified location for which monitoring, sampling and analysis work shall be carried out by the laboratory, is placed at with tender documents.
- m) The list of the parameters for ambient air quality monitoring, surface water quality monitoring and ground water quality monitoring, is given in with tender documents.
- n) The successful bidder shall carry out the monitoring, sampling and analysis works as per the procedure and norms stipulated in 'Standard Methods'(IS, APHA, EPA, USEPA) and as amended method may be used.
- o) Service tax shall be paid as per the applicable norms and TDS shall be made as per rules applicable.
- p) At each of the ambient air quality monitoring locations, 24 hourly ambient air quality monitoring shall be carried out for parameters as mentioned with tender document in

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three phase. Also representative samples each for surface water quality and ground water quality shall be collected from the locations given in tender documents in three phases as a pre-monsoon sampling and same is adopted for post monsoon sampling.

- q) Monitoring, Sampling, Analysis for Ambient Air Quality, Surface water Quality and Ground Water Quality of Jodhur City under CEPI and Submission of report for CEPI Score as per revised CEPI Methodology 2016 for year 2024-2025. The Sampling & monitoring has to be carried out for 03 days commencing from Pre Monsoon (June-2024 to July-2024) and 03 days for Post Monsoon (December 2024 to February 2025) with a gap of one or two days at each location during each round of monitoring.
- r) The successful bidder shall submit the pre and post monsoon complete monitoring, sampling and analysis reports including interpretation and summary of the parameters exceeding the prescribed standards / norms within a period of 10 days or (before-**25.07.2024 pre monsoon**) from the commencement of the monitoring. Post Monsoon data and report shall be submitted before **01.03.2025**.
- s) The successful bidder shall inform to RSPCB about the constitution of the teams, names and contact nos. of team leaders and their visit schedule for the monitoring and sampling works.
- t) Bidders will make their own arrangements for the monitoring and sample collection Moreover instruments and resources needed for sampling will be arranged by bidder itself. No facility will be provided by Regional Office, RSPCB, Jodhpur. Base line data of study area of Jodhpur city (CAAQMS data, Biomedical /Health data, Compliance Status of industries, Industrial category, Hazardous waste disposal, Municipal Solid Waste, CSTP and CETPs, Compliance status of CEPI action plan etc, also may be provided by Regional office for ready references if required.
- u) All the information and data generated or collected during the execution of the work shall be treated as confidential and sole property Regional Office, RSPCB, Jodhpur and the findings of the study shall not be published without prior permission of RSPCB Jodhpur.
- v) Regional Office, RSPCB, Jodhpur shall not bear any responsibility for the personnel engaged under the study.
- w) The Executing Agency shall submit 03 copies of final draft report along with Soft copy on completion of the project.
- x) Applicable Taxes shall be deducted at source.
- y) Proposal being submitted must be signed by an authorized person representing the company/ firm.
- z) The parties submitting the proposal are requested not to erase or mutilate any word(s) or figures occurring in the quotation. The overwriting is not allowed.
- aa) It may be noted that mere quoting the lowest rates will not entitle any firm to get the work order.
- bb) Performance Security will be taken @1% (One-percent) of the amount of supply order to be supplied by the S.S.I. Units of Rajasthan. They will furnish original or Digitally signed by Shilpa Sharma  
Designation: Senior Environmental Engineer  
Date: 2024.07.01 18:45:35 IST  
Reason: Approved

RajKai Ref  
8530453

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Digitally signed by Shilpa Sharma  
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Photostats copy, duly attested by Gazetted Officer, of the Registration of SSI Unit issued by the Director of Industries in respect of the stores for which they are registered.

- cc) Performance security will be taken @ 2.0% of the amount of supply order to supplied by the Sick Industries (other than S.S.I.). Sickness certificate issued to competent authority should be enclosed along with bid document.
- dd) Bid Security will be taken @ 0.50% of the value of the quantity offered for supply by the S.S.I. Units of Rajasthan. They will furnish original or Photostat copy, duly attested by Gazetted Officer, of the Registration of SSI Unit issued by the Director of Industries in respect of the stores for which they are registered.
- ee) Bid Security will be taken @ 1.00% of the value of the bid from the Sick Industries (other than S.S.I.). Sickness certificate issued by competent authority should be enclosed along with bid document.

### 7. Payment Schedule:

Payment shall be made in 02 parts as follows:

- a) 40% of the payment after submission of pre monsoon report (monitoring, sampling and analysis work).
- b) 60% of the payment after submission of post monsoon report (monitoring, sampling and analysis work) with combined complete report.

### 8. Penalty:

In case of failure of the successful bidder to Provide services for Monitoring, Sampling Analysis (including transportation & other miscellaneous charges) and study of various environment parameters in CEPI area under the jurisdiction of Regional Office, RSPCB, Jodhpur within the stipulated period, the work order shall be deemed to have been cancelled automatically. In that case, the EMD & Performance Guarantee of the bidder shall stand forfeited in favor of Regional Officer, Rajasthan State Pollution Control Board, Jodhpur; debarring the firm for participating in Rajasthan State Pollution Control Board future NIT's and the work shall be carried out from some other alternative source/arrangement.

### 9. Validity of the offer:

The offer is valid for a period of 07 days from the specified date of opening of the tender.

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### 10. Right of Acceptance:

- The competent authority of Rajasthan State Pollution Control Board Jodhpur does not bind itself / himself to accept the lowest or any tender in full and reserves the right of accepting the whole or any part of the tender or portion of the quantity offered and the bidder shall provide services of the same at quoted rates.
- The competent authority of Rajasthan State Pollution Control Board, Jodhpur may split the work among the two qualified bidders for speedy completion of the works, if required, on the lowest rate offered by the L-1 bidder.

### 11. Execution of Agreement:

The successful Bidders shall be required to execute an agreement on a valid stamped paper of Rs. 500/- for strict compliance of the terms and conditions of the contract, vis-à-vis the NIT and work order within a period of three (3) days after work placement of LOA. The bidder shall bear the legal expenses, which shall be incurred on the execution of the agreement.

### 12. Arbitration:

All disputes and differences between the parties hereto including the interpretation of the terms and conditions herein, any other stipulation of the tender notice or any deed executed hereafter shall be referred to the sole arbitration is the Regional officer, Rajasthan State Pollution Control Board, Jodhpur whose decision shall be final and binding upon the parties to this agreement. The place of arbitration shall be Jodhpur; Rajasthan only shall have the jurisdiction to entertain any legal proceeding arising out of this contract.

### 13. Appeals

- Subject to "Appeal not to lie in certain cases" below, if any bidder or prospective bidder is aggrieved that any decision, action or omission of the procuring entity is in contravention to the provisions of the Act or the rules or guidelines issued thereunder, he may file an appeal to such officer of the procuring entity, as may be designated by it for the purpose, within a period of 05 days from the date of such decision or action, omission, as the case may be, clearly giving the specific ground or grounds on which he feels aggrieved:
  - Provided that after the declaration of a bidder as successful in terms of "Award of Contract", the appeal may be filed only by a bidder who has participated in procurement proceedings:
  - Provided further that in case a procuring entity evaluates the technical Bid before the opening of the financial Bid, an appeal related to the matter of financial Bid may be filed only by a bidder whose technical Bid is found to be acceptable.

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- (b) The officer to whom an appeal is filed under (a) above shall deal with the appeal as expeditiously as possible and shall endeavor to dispose it of within 15 days from the date of filing of the appeal.
- (c) If the officer designated under (a) above fails to dispose of the appeal filed under that sub-section within the period specified in (c) above, or if the bidder or prospective bidder or the procuring entity is aggrieved by the order passed, the bidder or prospective bidder or the procuring entity, as the case may be, may file a second appeal.

### 14. Rights of Rajasthan State Pollution Control Board rights in respect of the bid:

- a) Regional Officer, RSPCB Jodhpur reserves the right to accept or reject any bid without assigning any reason.
- b) Regional Officer, RSPCB Jodhpur reserves the right to modify terms and conditions of the contract which shall be granted to the successful bidder after the bidding process, if in the opinion of the Regional Office, RSPCB Jodhpur it is necessary or expedient to do so in public interest. The decision of the Regional Office, RSPCB Jodhpur shall be final and binding in this regard.
- c) Regional Officer, RSPCB Jodhpur reserves the right to suspend and/or cancel the contract with the successful bidder party in part or in whole at any time if in the opinion of the RSPCB, Jodhpur it is necessary or expedient in the public interest. The decision of the RSPCB Jodhpur shall be final and binding in this regard. Also, RSPCB Jodhpur shall not be responsible for any damage or loss caused or arising out of aforesaid action.

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RPCB, Jodhpur

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### Technical Evaluation Sheet

The technical evaluation of the bidders will be done based on the criteria specified as follows:

S. No.	Criteria	Testimonial to be presented
1	<b>Constitution of company/firm/BRN/Bidder Information</b>	Certificate of registration, incorporation, shop act/BRN
2	<b>Bidder's Experience</b> <b>Past Work Experience:</b> Work orders by Pollution control Boards/CPCB for similar orders for Ambient Air quality, Surface water, Ground water monitoring and such type of Study.	Self-declared List and Copies of the orders.
3	<b>Firm Authorization</b>	
4	<b>Organization's Capability</b>	
i	Valid NABL Accreditation	Valid Certificates
ii	Valid NABL SCOPE of Work	
iii	Own laboratory and Certification of the laboratory under E(P) Act – 1986 and ISO – 9001/NABL	
iv	Collaboration with another NABL/MOEF & CC certified firm/laboratory for mentioned parameters	
5	<b>Balance Sheet of Last Two Years</b>	
6	<b>Declaration for Blacklisted</b>	

Date:

Notice Inviting Tenders No.:

RajKaj Ref  
8530453

**Signature valid**

Digitally signed by Shilpi Sharma  
Designation: Senior Environmental  
Engineer  
Date: 2024.07.01 18:45:35 IST  
Reason: Approved



क्षेत्रीय कार्यालय

## राजस्थान राज्य प्रदूषण नियन्त्रण मण्डल

एसपीएल-2 मरुधर इण्डस्ट्रीयल एरिया, बासनी प्रथम चरण जोधपुर

Phone No. 0291-2723225 Email ID-rorpcb.jodhpur@gmail.com

### Technical Bid Annexure-1

Bidder's Information	
Bidder's legal name	
Bidder's year of constitution	
Bidder's legal address	
Bidder's authorized representative (name, address, telephone numbers, fax numbers, e-mail address)	
PAN	
GSTIN	

Name

In the capacity of:

Duly authorized to sign the Bid for and on behalf of

Date \_\_\_

Signed Duly authorized to sign the Bid for and on behalf of Date \_\_\_

RajKaj Ref  
8530453

**Signature valid**

Digitally signed by Shilpi Sharma  
Designation: Senior Environmental  
Engineer  
Date: 2024.07.01 18:45:35 IST  
Reason: Approved



क्षेत्रीय कार्यालय

## राजस्थान राज्य प्रदूषण नियन्त्रण मण्डल

एसपीएल-2 मरुधर इण्डस्ट्रीयल एरिया, बासनी प्रथम चरण जोधपुर

Phone No. 0291-2723225 Email ID-rorpcb.jodhpur@gmail.com

### Technical Bid Annexure -2 Bidder's Experience

To establish its qualifications to perform the contract in accordance with (Eligibility criteria) the Bidder shall provide the information requested in the corresponding Information Sheets included hereunder.

(Eligibility Criteria)	
Contractual & Technical Experience:  Having the following experience: i. A minimum of two similar works experience in which one similar workexperience with any Pollution Control Board / Govt. / PSU and Individual/ jointly completed with NABL approved laboratory if any.	

Name

In the capacity of:

Duly authorized to sign the Bid for and on behalf of

Date\_\_

Signed\_ Duly authorized to sign the Bid for and on behalf of\_ Date\_\_

RajKaj Ref  
8530453

Signature valid

Digitally signed by Shilpi Sharma  
Designation: Senior Environmental  
Engineer  
Date: 2024.07.01 18:45:35 IST  
Reason: Approved



क्षेत्रीय कार्यालय

## राजस्थान राज्य प्रदूषण नियन्त्रण मण्डल

एसपीएल-2 मरुधर इण्डस्ट्रीयल एरिया, बासनी प्रथम चरण जोधपुर

Phone No. 0291-2723225 Email ID-rorpcb.jodhpur@gmail.com

### Technical Bid Annexure- 3 AUTHORIZATION CERTIFICATE

(On letter head)

I/ We, M/s..... authorize the following Representative to sign and submit the Bid, negotiate terms and conditions for the Contract, to sign the Contract, to deal with the Regional Office RSPCB, Jodhpur to issue and receive correspondence related to all matter to the tender pertaining to-**Selection of Service Provider for Monitoring, Sampling Analysis (including transportation & other miscellaneous charges) and study of various environment parameters in CEPI area under the jurisdiction of Regional Office, RSPCB, Jodhpur.**

We/M/s (the-Bidder)under take the responsibility due to Anyacts of the representative appointed hereby.

#### For Partnership Firm's

Sl. no.	Name of the All Partner	Signature of Partner with Seal
	Name and Designation of the person Authorized	
	Attested Signature of the Authorized Representative	

#### For Limited Firm/ Company

Name and Designation of the person Authorized	
Name of the Firm	
Address	
Telephone No. & Fax No.	
Attested Signature of the Authorized Representative	
Name and Designation of person attesting thesignatures	

(Sign)  
Name  
Designation

RajKaj Ref  
8530453

Signature valid

Digitally signed by Shilpi Sharma  
Designation: Senior Environmental  
Engineer  
Date: 2024.07.01 18:45:35 IST  
Reason: Approved

**Technical Bid Annexure- 5 Annual Turnover and net worth  
(Duly Certified by Chartered Accountant with UDIN No.)**

Date:  
Notice Inviting Tenders No.:

To,

Regional Officer,  
Rajasthan State Pollution Control Board,  
Jaipur (South).

Sir/ Madam,

I hereby declare that our firm's Average Annual Turnover and Net Worth are as follows. The Statutory Auditor's certificate is attached for your reference.

FINANCIAL YEAR (last two)	ANNUAL TURNOVER (In Rs.)
F.Y. 2022-23:	
F.Y. 2023-24:	
Average	

Name

In the capacity of:

Duly authorized to sign the Bid for and on behalf of

Date \_\_\_\_\_

Signed\_ Duly authorized to sign the Bid for and on behalf of \_\_\_\_\_ Date \_\_\_\_\_

RajKaj Ref  
8530453

**Signature valid**

Digitally signed by Shilpi Sharma  
Designation: Senior Environmental  
Engineer  
Date: 2024.07.01 18:45:35 IST  
Reason: Approved

## Technical Bid Annexure – 6 Declaration for Blacklisting and authorization

Date:

Notice Inviting Tenders No.:

To,

Regional Officer,  
Rajasthan State Pollution Control Board,  
Jodhpur (Raj.)

Sir/ Madam,

I/ We have carefully gone through the Terms & Conditions mentioned in the referred Bid Document.  
I/ We hereby declare that my Company / Firm/ any Director/ Partner etc. is not debarred/ blacklisted by any State Government / Central Government / PSU / Government Authority in India as on the Bid Submission Date.

Or

I declare the following:

S. No.	Blacklisted / debarred by State Government / Central Government / PSU / Government Authority in India	Reason	Date on which blacklisting/ debarment notification was issued

(NOTE: In case the Company/ Firm/ Director/ Partner was blacklisted/ debarred previously, please provide the details regarding the Period for which the company / firm was blacklisted/ debarred and the reason/s for the same)

Name

In the capacity of:

Duly authorized to sign the Bid for and on behalf of

Date \_\_\_\_\_

Signed\_ Duly authorized to sign the Bid for and on behalf of \_\_\_\_\_ Date \_\_\_\_\_

RajKaj Ref  
8530453

**Signature valid**

Digitally signed by Shilpi Sharma  
Designation: Senior Environmental  
Engineer  
Date: 2024.07.01 18:45:35 IST  
Reason: Approved



## Financial Bid (BOQ)

Date:

Notice Inviting Tenders No.:

To,

Regional Officer,  
Rajasthan State Pollution Control Board,  
Jodhpur (Raj.)

S.No	Description	Rate
1.	The rates for pre & Post monsoon monitoring, sampling analysis Ambient Air, Surface water, Ground Water (including transportation & other miscellaneous charges) and report preparation accordingly CEPI methodology 2016, for Jodhpur city should be clearly quoted for the following items-	
a.	Charges per sample per location for ambient air quality monitoring.	
b.	Charges per sample per location for surface water monitoring.	
c.	Charges per sample per location for ground water quality monitoring	
2.	Report preparation and data interpretation	
3.	Tax @18%	
	Total	

Total Value (in Words): Rs /-

Name

In the capacity of:

Duly authorized to sign the Bid for and on behalf of

Date\_\_

Signed\_ Duly authorized to sign the Bid for and on behalf of \_\_\_\_\_ Date\_\_

RajKaj Ref  
8530453

**Signature valid**

Digitally signed by Shilpi Sharma  
Designation: Senior Environmental  
Engineer  
Date: 2024.07.01 18:45:35 IST  
Reason: Approved

### AAQ MONITORING LOCATIONS

S. No.	NAME OF-THE MONITORING LOCATION	LATITUDE	LONGITUDE
Sample Code	Name Of-The Monitoring Location	Latitude	Longitude
AAQ - 1	Taj Harimahal Hotel,Near Bhairu Chauraha, Jodhpur(Raj)	26°16'3.49"N	73°1'10.07"E
AAQ - 2	Sigma Minerals Ltd,Plot -4,Heavy Industrial Area) Marudhar industrial area, Jodhpur (Raj)	26°15'21.49"N	73°0'21.84"E
AAQ - 3	Arya Samaj Park, Shastri Nagar, Jodhpur (Raj)	26°16'51.56"N	73°1'48.84"E
AAQ - 4	Bothra International,E-230,MIA, Basin, Phase -II,Jodhpur (Raj)	26°13'55.70"N	73°0'6.86"E

### SURFACE WATER SAMPLING LOCATIONS

S.No.	NAME OF THE SAMPLING LOCATION	LATITUDE	LONGITUDE
SW-1	Kaylana lake Upstream, Near Kaylana Resort, Jodhpur Raj.	26°17'55.33"N	72°58'17.66"E
SW-2	Kaylana lake down Stream, Near Takhat Sagar Adjoining Point Jodhpur	26°16'53.47"N	72°57'52.77"E

### GROUND WATER SAMPLING LOCATIONS

S.No.	NAME OF THE SAMPLING LOCATION	LATITUDE	LONGITUDE
GW - 1	Taj Harimahal Hotel.Near Bhairu Chauraha, Jodhpur(Raj)	26°15'58.07"N	73°1'6.68"E
GW-2	Sigma Minerals Ltd,Plot -4,Heavy Industrial Area) Marudhar industrial area, Jodhpur (Raj)	26°15'20.09"N	73°0'24.41"E
GW-3	Arya Samaj Park, Shastri Nagar, Jodhpur (Raj)	26°16'51.01N	73°1'48.66"E
GW-4	Ganga Prints Plot NO. E-532,MIA, Basin, Phase -II ,Jodhpur (Raj)	26°14'20.37"N	72°59'53.04"E
GW-	Open well of Ganesh Ram Bosiya, Villlage – Nandwan Near Jojri River, Jodhpur Raj.	26°12'20.90"N	72°57'41.58"E
GW-6	Open well Behraram Choudhary, Village – Nandwan (Near – Harkhera Village), Near Jojhari River, Jodhpur (Raj.)	26°17'48.98"N	73°1'22.66"E

RajKaj Ref  
8530453

**Signature valid**

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Designation: Senior Environmental  
Engineer  
Date: 2024.07.01 18:45:35 IST  
Reason: Approved

## AAQ MONITORING LOCATIONS

### Pre Monsoon

SAMPLE CODE	NAME OF-THE MONITORING LOCATION	DATE OF SAMPLING	LATITUDE	LONGITUDE
AAQ-1	Taj Harimahal Hotel,Near Bhairu Chauraha, Jodhpur(Raj)	1 <sup>st</sup> Round : 2nd Round : 3rd Round:	26°16'3.49"N	73°1'10.07"E
AAQ-2	Sigma Minerals Ltd,Plot -4,Heavy Industrial Area) Marudhar industrial area, Jodhpur (Raj)	1st Round: 2nd Round : 3rd Round :	26°15'21.49"N	73°0'21.84"E
AAQ-3	Arya Samaj Park, Shastri Nagar, Jodhpur (Raj)	1st Round: 2Round: 3rd Round:	26°16'51.56"N	73°1'48.84"E
AAQ-4	Bothra International,E-230,MIA, Basin, Phase -II,Jodhpur (Raj)	1st Round: 2 <sup>nd</sup> Round: 3rd Round:	26°13'55.70"N	73°0'6.86"E

### Post Monsoon

SAMPLE CODE	NAME OF-THE MONITORING LOCATION	DATE OF SAMPLING	LATITUDE	LONGITUDE
AAQ-1	Taj Harimahal Hotel,Near Bhairu Chauraha, Jodhpur(Raj)	1 <sup>st</sup> Round : 2nd Round : 3rd Round:	26°16'3.49"N	73°1'10.07"E
AAQ-2	Sigma Minerals Ltd,Plot -4,Heavy Industrial Area) Marudhar industrial area, Jodhpur (Raj)	1st Round: 2nd Round : 3rd Round :	26°15'21.49"N	73°0'21.84"E
AAQ-3	Arya Samaj Park, Shastri Nagar, Jodhpur (Raj)	1st Round: 2Round: 3rd Round:	26°16'51.56"N	73°1'48.84"E
AAQ-4	Bothra International,E-230,MIA, Basin, Phase -II,Jodhpur (Raj)	1st Round: 2 <sup>nd</sup> Round: 3rd Round:	26°13'55.70"N	73°0'6.86"E

RajKaj Ref  
8530453

Signature valid

Digitally signed by Shilpi Sharma  
Designation: Senior Environmental  
Engineer  
Date: 2024.07.01 18:45:35 IST  
Reason: Approved

## AMBIENT AIR QUALITY MONITORING

Pre Monsoon

S.NO.	Parameters	AAQ-1 TAJ HARIMAHAL HOTEL			AAQ-2 SIGMA MINERALS LTD.			AAQ-3 ARYA SAMAJ PARK			AAQ-4 BOTHRA INTERNATIONAL		
		Ist Round	2nd Round	3rd Round	Ist Round	2nd Round	3rd Round	Ist Round	2nd Round	3rd Round	Ist Round	2nd Round	3rd Round
		Date	Date	Date	Date	Date	Date	Date				Date	
i													
ii													
iii													
iv													
v													
vi													
vii													
viii													
ix													
x													
xi													
xii													

RajKaj Ref  
8530453

Signature valid

Digitally signed by Shilpi Sharma  
Designation: Senior Environmental  
Engineer  
Date: 2024.07.01 18:45:35 IST  
Reason: Approved

**AMBIENT AIR QUALITY MONITORING**  
**Post Monsoon**

S.NO.	Parameters	AAQ-1 TAJ HARIMAHAL HOTEL			AAQ-2 SIGMA MINERALS LTD.			AAQ-3 ARYA SAMAJ PARK			AAQ-4 BOTHRA INTERNATIONAL		
		1st Round	2nd Round	3rd Round	1st Round	2nd Round	3rd Round	1st Round	2nd Round	3rd Round	1st Round	2nd Round	3rd Round
		Date	Date	Date	Date	Date	Date	Date			Date		
i													
ii													
iii													
iv													
v													
vi													
vii													
viii													
ix													
x													
xi													
xii													

RajKaj Ref  
8530453

**Signature valid**

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Designation: Senior Environmental  
Engineer  
Date: 2024.07.01 18:45:35 IST  
Reason: Approved

**Details of Parameters and Methods-**

**For the analysis of Ground water & Surface water - test method for the following parameters:**

Sl.NO.	PARAMETERS	UOM	TESTMETHOD	I st Round Date	II nd Round Date	III rd Round Date
1	Appearance	-	-			
2	Colour	Hazen	IS3025:Part-4			
3	Odour(Smell)	-	IS3025:Part-5			
4	pH	-	IS3025:Part-11			
5	Oil & Grease		IS3025:Part-39			
6	Suspended Solids	mg/L	IS3025:Part-17			
7	Dissolved Oxygen	%saturation	IS3025:Part-38			
8	Chemical Oxygen Demand	mg/L	IS3025:Part-58			
9	Bio-chemical Oxygen Demand (BOD)	mg/L	IS3025:Part-44			
10	Electrical Conductivity	µS/cm	IS3025:Part-14			
11	Total Dissolved Solids	mg/L	IS3025:Part-16			
12	Nitrite-Nitrogen as NO <sub>2</sub>	mg/L	IS3025:Part-34			
13	Nitrate-Nitrogen as NO <sub>3</sub>	mg/L	IS3025:Part-34			
14	Total Nitrogen	mg/L	By Calculation			
15	Free Ammonia	mg/L	IS3025:Part-34			
16	Total Residual Chlorine	mg/L	IS3025:Part-26			
17	Cyanide as C	mg/L	APHA 4500C N-22 <sup>nd</sup> Ed.			
18	Fluoride as F	mg/L	APHA 4500F-D22 <sup>nd</sup> Ed.			
19	Chloride as Cl	mg/L	IS3025:Part-32			
20	Sulphate as SO <sub>4</sub>	mg/L	IS3025:Part-24			
21	Sulphide as S	mg/L	IS3025:Part-29			
22	Total Hardness as (CaCO <sub>3</sub> )	mg/L	IS3025:Part-21			
23	Dissolved Phosphate as P	mg/L	IS3025:Part-31			
24	Sodium Absorption Ratio (SAR)	-	By Calculation			
25	Total Coliforms	MPN/100ml	IS1622			
26	Fecal Coliforms	MPN/100ml	IS1622			
27	Total Phosphorous as P	mg/L	IS3025:Part-31			
28	Total Kjeldahl Nitrogen	mg/L	APHA 4500-Norg. B22 <sup>nd</sup> Ed.			
29	Total Ammonia (NH <sub>4</sub> +NH <sub>3</sub> )-Nitrogen	mg/L	IS3025:Part-34			
30	Phenolic Compounds as C <sub>6</sub> H <sub>5</sub> OH	mg/L	IS3025:Part-4			
31	Surface Active Agent	mg/L	APHA 5540C 22 <sup>nd</sup> Ed.			
32	Anionic Detergents	mg/L	APHA 5540C 22 <sup>nd</sup> Ed.			

**Signature valid**

Digitally signed by Shilpi Sharma  
Designation: Senior Environmental Engineer  
Date: 2024.07.01 18:45:35 IST  
Reason: Approved

RajKaj Ref  
8530453

33	Organo-Chlorine Pesticides				
i)	2,4'-DDD	µg/L	USEPA508		
ii)	2,4'-DDE				
iii)	2,4'-DDT				
iv)	4,4'-DDD				
v)	4,4'-DDE				
vi)	4,4'-DDT				
vii)	Aldrin				
viii)	Alpha-BHC				
ix)	Alpha-Endosulfan				
x)	Beta-BHC				
xi)	beta-Endosulfan				
xii)	Delta-BHC				
xiii)	Dieldrin				
xiv)	Endosulfan sulfate				
xv)	Gamma-BHC				
xvi)	Heptachlor				
xvii)	Heptachlor Epoxide Isomer B				
34	PAH(Poly Aromatic Hydrocarbons)				
i)	Naphthalene	µg/L	APHA644022 <sup>nd</sup> Ed.		
ii)	Acenaphthylene				
iii)	Acenaphthene				
iv)	Fluorene				
v)	Phenanthrene				
vi)	Anthracene				
vii)	Fluoranthene				
viii)	Pyrene				
ix)	Benz(a)anthracene				
x)	Chrysene				
xi)	Benzo(b)fluoranthene				
xii)	Benzo(k)fluoranthene				
xiii)	Benzo(a)pyrene				
xiv)	Dibenz(a,h)anthracene				
xv)	Benzo(ghi)perylene				
35	PCB and PCT				
i)	2,6-Dichlorobiphenyl	µg/L	APHA643122 <sup>nd</sup> Ed.		
ii)	2,2',3,4,4',5,5'-Heptachlorobiphenyl				
iii)	2,2',3,4,4',5,5'-Hexachlorobiphenyl				
iv)	2,2',4,4',5,5'-Hexachlorobiphenyl				
v)	2,3',4,5,5'-Pentachlorobiphenyl				
vi)	2,2',5,5'-Tetrachlorobiphenyl				
vii)	2,4,4'-Trichlorobiphenyl				
viii)	2,2',3,3',4,4',5,5'-Octachlorobiphenyl				
ix)	2,2',3,4',5',6'-Hexachlorobiphenyl				
x)	2,2',3,5'-Tetrachlorobiphenyl				
xi)	2,2',5'-Trichlorobiphenyl				
xii)	2,3',4,4',5'-Pentachlorobiphenyl				
xiii)	2,4',5'-Trichlorobiphenyl				
36	Zinc as Zn	mg/L	USEPA200.7		
37	Nickel as Ni	mg/L	USEPA200.7		

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Engineer

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38	Copper as Cu	mg/L	USEPA 200.7		
39	Hexavalent Chromium as Cr <sup>6+</sup>	mg/L	IS 3025: Part-5 2		
40	Total Chromium as Cr	mg/L	USEPA 200.7		
41	Arsenic as As	mg/L	USEPA 200.7		
42	Lead as Pb	mg/L	USEPA 200.7		
43	Cadmium as Cd	mg/L	USEPA 200.7		
44	Mercury as Hg	mg/L	USEPA 200.7		
45	Manganese as Mn	mg/L	USEPA 200.7		
46	Iron as Fe	mg/L	USEPA 200.7		
47	Vanadium as V	mg/L	USEPA 200.7		
48	Selenium as Se	mg/L	USEPA 200.7		
49	Boron as B	mg/L	USEPA 200.7		

As amended latest method may be used (APHA, IS, & USEPA etc.)

RajKaj Ref  
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Signature valid

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Designation: Senior Environmental  
Engineer  
Date: 2024.07.01 18:45:35 IST  
Reason: Approved



For the analysis of Ambient air Quality - Test methods:

Sl. NO.	PARAMETERS	UNITS	TESTMETHODS
1	ParticulateMatter(PM10)	µg/m3	IS:5182(Part-23)
2	ParticulateMatter(PM2.5)	µg/m3	FRM35(4):339-342
3	SulphurDioxide(asSO2)	µg/m3	IS:5182(Part-2)
4	NitrogenDioxide(asNO2)	µg/m3	IS:5182(Part-6)
5	CarbonMonoxide (CO)	mg/m3	IS:5182(Part-10)GrabMethod
6	Lead(Pb)	µg/m3	IS:5182(Part-22)-AASMethod
7	Nickel(asNi)	ng/m3	EPACompendiummethodIO3,IO3.1,IO3.2
8	Arsenic(as As)	ng/m3	EPACompendiummethodIO3,IO3.1,IO3.2
9	Ozone(asO3)	µg/m3	IS:5182(Part-09)Chemical Method
10	Ammonia(asNH3)	µg/m3	AWMA,3rd Ed.Method401(IndophenolsMethod)
11	Benzene(asC6H6)	µg/m3	IS:5182(Part-11)
12	Benzo(@)Pyrene	ug/m3	IS:5182(Part-12)

For the analysis of Ground water & Surface water - test method for the following parameters:

Sl.NO.	PARAMETERS	UOM	TESTMETHOD
1	<b>Appearance</b>	-	-
2	Colour	Hazen	IS3025:Part-4
3	Odour(Smell)	-	IS3025:Part-5
4	pH	-	IS3025:Part-11
5	Oil & Grease		IS3025:Part-39
6	SuspendedSolids	mg/L	IS3025:Part-17
7	DissolvedOxygen	%saturation	IS3025:Part-38
8	ChemicalOxygenDemand	mg/L	IS3025:Part-58
9	Bio-chemicalOxygen Demand(BOD)	mg/L	IS3025:Part-44
10	ElectricalConductivity	µS/cm	IS3025:Part-14
11	TotalDissolvedSolids	mg/L	IS3025:Part-16
12	Nitrite-NitrogenasNO2	mg/L	IS3025:Part-34
13	Nitrate-Nitrogen asNO3	mg/L	IS3025:Part-34
14	TotalNitrogen	mg/L	ByCalculation
15	FreeAmmonia	mg/L	IS3025:Part-34
16	TotalResidualChlorine	mg/L	IS3025:Part-26
17	CyanideasCN	mg/L	APHA4500CN-22 <sup>nd</sup> Ed.
18	FluorideasF	mg/L	APHA4500F-D22 <sup>nd</sup> Ed.
19	ChlorideasCl	mg/L	IS3025:Part-32
20	SulphateasSO4	mg/L	IS3025:Part-24
21	SulphidesasS	mg/L	IS3025:Part-29
22	TotalHardnessAs(CaCO3)	mg/L	IS3025:Part-21
23	DissolvedPhosphatesasP	mg/L	IS3025:Part-31
24	SodiumAbsorptionRatio (SAR)	-	ByCalculation
25	TotalColiforms	MPN/100ml	IS1622
26	FecalColiforms	MPN/100ml	IS1622
27	TotalPhosphorousasP	mg/L	IS3025:Part-31
28	TotalKjeldalNitrogen	mg/L	APHA4500-Norg.B22 <sup>nd</sup> Ed.
29	TotalAmmonia(NH4+NH3)-Nitrogen	mg/L	IS3025:Part-34
30	PhenolicCompoundsasC6HSOH	mg/L	IS3025:Part-43
31	SurfaceActiveAgent	mg/L	APHA5540D22 <sup>nd</sup> Ed.
32	AnionicDetergents	mg/L	APHA5540E22 <sup>nd</sup> Ed.
33	Organo-ChlorinePesticides		
i)	2,4'-DDD		
ii)	2,4'-DDE		

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iii)	2,4'-DDT		
iv)	4,4'-DDD		
v)	4,4'-DDE		
vi)	4,4'-DDT		
vii)	Aldrin		USEPA508
viii)	Alpha-BHC		
ix)	Alpha-Endosulfan		
x)	Beta-BHC	µg/L	
xi)	beta-Endosulfan		
xii)	Delta-BHC		
xiii)	Dieldrin		
xiv)	Endosulfan sulfate		
xv)	Gamma-BHC		
xvi)	Heptachlor		
xvii)	Heptachlor Epoxide isomer B		
34	PAH(PolyAromaticHydrocarbons)		
i)	Naphthalene		
ii)	Acenaphthylene		
iii)	Acenaphthene		APHA644022 <sup>nd</sup> Ed.
iv)	Fluorene	µg/L	
v)	Phenanthrene		
vi)	Anthracene		
vii)	Fluoranthene		
viii)	Pyrene		
ix)	Benz(a)anthracene		
x)	Chrysene		
xi)	Benzo(b)fluoranthene		
xii)	Benzo(k)fluoranthene		
xiii)	Benzo(a)pyrene		
xiv)	Dibenz(a,h)anthracene		
xv)	Benzo(ghi)perylene		
35	PCB and PCT		
i)	2,6-Dichlorobiphenyl		
ii)	2,2',3,4,4',5,5'-Heptachlorobiphenyl		
iii)	2,2',3,4,4',5'-Hexachlorobiphenyl		
iv)	2,2',4,4',5,5'-Hexachlorobiphenyl		
v)	2,3',4,5,5'-Pentachlorobiphenyl		
vi)	2,2',5,5'-Tetrachlorobiphenyl		
vii)	2,4,4'-Trichlorobiphenyl		
viii)	2,2',3,3',4,4',5,5'-Octachlorobiphenyl		
ix)	2,2',3,4',5',6-Hexachlorobiphenyl		
x)	2,2',3,5'-Tetrachlorobiphenyl		
xi)	2,2',5'-Trichlorobiphenyl		
xii)	2,3',4,4',5'-Pentachlorobiphenyl		
xiii)	2,4',5'-Trichlorobiphenyl		
36	Zinc as Zn	mg/L	USEPA200.7
37	Nickel as Ni	mg/L	USEPA200.7
38	Copper as Cu	mg/L	USEPA200.7
39	Hexavalent Chromium as Cr6+	mg/L	IS3025:Part-52
40	Total Chromium as Cr	mg/L	USEPA200.7
41	Arsenic as As	mg/L	USEPA200.7
42	Lead as Pb	mg/L	USEPA200.7
43	Cadmium as Cd	mg/L	USEPA200.7
44	Mercury as Hg	mg/L	USEPA200.7

RajKaj Ref  
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Designation: Senior Environmental  
Engineer  
Date: 2024.07.01 18:45:35 IST  
Reason: Approved

45	Manganese as Mn	mg/L	USEPA200.7
46	Iron as Fe	mg/L	USEPA200.7
47	Vanadium as V	mg/L	USEPA200.7
48	Selenium as Se	mg/L	USEPA200.7
49	Boron as B	mg/L	USEPA200.7

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