



JHARKHAND STATE POLLUTION CONTROL BOARD

TOWNSHIP ADMINISTRATION BUILDING, HEC COMPLEX, DHURWA, RANCHI 834004

Telephone: 0651-2400850 (Fax)/ 2400851/2400852/2401847/2400979/2400139

**Request for Expression of Interest
(EOI)
For
Implementation Of Bar-Coding System
On
the Designated Colour Coded
Bags/Containers Containing Bio-Medical
Waste
Invited by
Jharkhand State Pollution,
T.A. Building, H.E.C Complex, Dhurwa, Ranchi (JH),
834004.**

February 2025



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INVITATION FOR EXPRESSION OF INTEREST

Jharkhand State Pollution Control Board, Ranchi, invites sealed Expression of Interest (EOI) from the firms for Implementation of Bar-Coding System on **designated colour coded bags/containers containing the Bio-Medical Waste** within the State of Jharkhand

The EOI Document containing the details of qualification criteria, submission requirement etc. can be downloaded from the website <https://jspcb.org.in/> or <https://jspcb.org.in/tender.php> last date for submission of EOI is 04.03.2025 up to 18.00 hrs. Sealed envelope marked to the captioned address, containing EOI and non-refundable fee of Rs. 2500.00 by way of DD/Pay Order in favour of 'Member Secretary, Jharkhand State Pollution Control Board" payable at Ranchi may be submitted mentioning **"EOI for Implementation of Bar-Coding System on the designated colour coded bags/containers containing the Bio-Medical Waste"** on the top cover:

"The Member Secretary,

Jharkhand State Pollution,

T.A. Building, H.E.C Complex, Dhurwa, Ranchi (JH), 834004."

Note:The Board reserves the right to cancel this request for EOI and/or invite afresh with or without amendments, without liability or any obligations for such request for EOI and without assigning any reason. Information provided at this stage is indicative and DAC & FW reserve the right to amend/ add further details in the EOI.

Sd/-

Rajeev Lochan Bakshi

(Member Secretary)



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EXPRESSION OF INTREST OF INTEREST

Expressions of Interest (Eoi) is hereby invited for within the State of Jharkhand.

The EOI Document can be downloaded from Jharkhand State Pollution Control Boards' Portal (<https://jspcb.org.in/> or <https://jspcb.org.in/tender.php>).

The critical date sheet is as under:

Sl. No.	Description of Activities	Date	Time
1	EOI Document available for Download	24.02.2025	16:00 Hrs.
2	EOI Submission Start Date	24.02.2025	16:00 Hrs.
3	EOI Submission End Date	04.03.2025	18:00 Hrs.
4	EOI Opening Date	05.03.2025	14:00 Hrs.

NOTE: If any due date happens to be a holiday, then the next working day will be the due date at the same time.

BACKGROUND

Bio-medical Waste Management Rules, 2016 notified on 28.03.2016 and as amended thereof under the Environment (Protection) Act, 1986, stipulates that it is the duty of every Health Care Facility (HCF) to establish a bar code system for bags or containers containing biomedical waste (BMW) to be sent out of the premises or place for any purpose, by 27.03.2019. Also, Rule 5 of the BMW Rules, 2016 stipulates that it is the duty of the every Operator of Common Bio-medical Waste Treatment Facility (CBWTF) to establish bar code system for handling of bio-medical waste.

These guidelines have been prepared to facilitate and provide guidance to both the Occupier as well as Operator of CBWTF to establish bar code system and also to have uniformity in adoption of the bar code system throughout the country, thereby ensuring effective enforcement of the BMWM Rules, 2016.

1. Introduction and Overview:

Bar code system would help in accounting the quantity of biomedical waste being collected, treated and disposed. This system would also help the prescribed authorities in monitoring the implementation of BMWM Rules, 2016. The benefits of Bar code system are summarised below;

- (i) Tracking of biomedical waste from source of generation to intended destination for final treatment and disposal;
- (ii) Daily check on the Occupier, transporter (involved in transportation of bio-medical waste within HCF as well as transportation of bio-medical waste from HCF to the CBWTF premises) and Operator of a CBWTF;
- (iii) Preventing pilferage of bio-medical waste at HCFs as well as during transportation of waste from HCF to the CBWTF;
- (iv) Keeping record of visits made by CBWTF to the member HCFs for collection of waste;
- (v) Identification of source of generation of bio-medical waste in case waste is disposed of improperly;
- (vi) Creates real time online monitoring of waste generation, collection, transportation, treatment and disposal; and
- (vii) Quantification of bio-medical waste generated, colour coding-wise waste handed over to the CBWTF operator by the Occupier and waste collected daily by the Operator of a CBWTF from the member HCFs for further treatment and disposal.

2. EOI PROCESSING FEES

A non-refundable processing fee for Rs. 2500/- (Twenty Five Hundred Rupees only) in the form of Demand draft or a Pay Order in favour of 'Member Secretary, Jharkhand State Pollution Control Board" payable at Ranchi may be submitted mentioning "EOI

for Implementation of Bar-Coding System on the designated colour coded bags/containers containing the Bio-Medical Waste.”EOI received without or with inadequate EOI processing fees shall be liable to get rejected.

3. VENUE & DEADLINE FOR SUBMISSION OF PROPOSAL

Proposal, in its complete form in all respects as specified in the EOI, must be submitted to the Member Secretary at the address specified herein earlier. In exceptional circumstances and at its discretion, the competent authority may extend the deadline for submission of proposals by issuing an amendment to be made available on the JSPCB website and the bidders previously subject to the original deadline will thereafter be subject to the deadline as extended.

4. ELIGIBILITY CRITERIA

Only those Bidders, meeting the eligibility criteria specified below would be considered for technical qualification. For the said purpose, the bidder shall be required to upload/submit the documents mentioned against the eligibility conditions.

S.N	Eligibility Conditions	Documentary Proof to be submitted
1)	Bidder should be a; (1) Registered Company/PSU/ statutory body in India. OR (2) Registered Partnership Firm OR (3) Proprietorship OR (4) LLP Note: - 1. If the bidder is from country sharing land border with INDIA , the bidder shall be required to submit self- declaration and proof of registration with Competent Authority. 2. The bidder must be a business entity for last 5 years in India.	1) <u>For Registered Company/ PSU/ statutory Body: -</u> (i) Copy of Certificate of Incorporation (with CIN, if applicable) (ii) MOA & AOA 2) <u>For Registered Partnership Firm</u> (i) Copy of the partnership deed (ii) Current list of Partners on Letter head signed by Authorized Signatory (iii) Copy of registration of Partnership deed. 3) <u>For Proprietorship</u> (i) Declaration of Proprietorship/Sole Proprietorship Signed as per format attached under concerned Exhibit. 4) <u>For LLP</u> (i) Copy of certificate of registration with LLPIN. (ii) Current list of Partners on Letter head

		signed by Authorized Signatory
2)	"The agency must have been in operation for at the last 10 years as of the bid submission date."	Certificate of Incorporation/ MOA/ AOA
3)	The Vendor/Agency must have been empanelled with at Two Central Government, State Government, PSU, or Nodal agencies for IT/ITES services.	Letter of Empanelment Copy
4)	<p>Experience Criteria: Experience of similar nature of work having value one work order not less than 70 lakhs</p> <p style="text-align: center;">or</p> <p>two Work order not less than 40 lakhs</p> <p style="text-align: center;">3. or</p> <p>three Work Order Not less than 30 lakhs in last 5years in Government Dept/ PSUs.</p> <p>(Similar work experience means: Systems Study, Design, Development, Implementation, Maintenance of Mobile application/ Web development for any Central or State Government Department/ PSU.)</p>	Copies of Work order/completion certificate issued by client or Completion as payment proof certified by CA.
5)	<p>The Bidder should have experience of successfully Go-Live/ executed/ /completed similar services for GPS/GPRS based vehicle tracking system int the last 6 Years for any Central or State Government Department/ PSU</p> <ol style="list-style-type: none"> 1. One work order not less than 125 lakh 2. Two Work order not less than 70 lakh 3. Three Work order not less 50 lakh 	Copies of Work order/completion certificate issued by client or Completion as payment proof certified by CA.
6)	<p>(a) Declaration on non-blacklisting.</p> <p>(b) PAN No.</p> <p>(c) GST No.</p> <p>(d) EPFO/ESIC</p>	<p>Self – Undertaking for Non-Blacklisting by any Central or State government Departments / PSU.</p> <p style="text-align: center;">Copy of PAN, GSY and EPFO/ESIC.</p>
7)	Bidder must have Positive Net-Worth i.e., Years (FY 2020-21, 2021-2022, 2022-2023)	Copy CA Audited Net-Worth Certificate
8)	Bidder must have certifications for ISO/IEC 20000-3:2019, ISO 9001:2015 and ISO 27001:2018	Copies of ISO Certificates

9)	Bidder must have certifications for CMMI Maturity Level 5	Copies of CMMI Maturity Level 5

5. TECHNICAL EVALUATION

On receipt of the Expressions of Interest, technical discussions/presentations may be held with the short-listed manufacturers/ suppliers, which are prima facie considered technically and financially capable of executing the proposed work, giving equal opportunity to all such bidders to participate in the discussions. Based on the discussions/presentations so held, one or more acceptable technical solutions could be decided upon laying down detailed technical specifications for each acceptable technical solution, quality benchmarks, warranty requirements, delivery milestones etc., in a manner that is consistent with the project.

6. EVALUATION OF PROPOSALS

After the Proposals have been submitted to the Board and during the evaluation period the Service Providers/Consulting Firms that have submitted their proposals are prohibited from making any kind of communication with the Board, regarding matters connected to their proposals. Any effort by the Service Providers/ Consulting firms to influence the Board in examination, evaluation, ranking of proposal, and recommendation for the award of contract may result in the rejection of the Service Providers/ Consulting Firms proposal.

Selected facility will be informed through e-mail followed by hard copy by post and shall start the work by the 1st April 2025.

7. CONFLICT OF INTEREST

7.1 Where there is any indication that a conflict of interest exists or may arise, it shall be the responsibility of the Bidder to inform the Board, detailing the conflict in writing as an attachment to this Bid.

7.2 The Board will be the final arbiter in cases of potential conflicts of interest. Failure to notify the Board of any potential conflict of interest will invalidate any verbal or written agreement.

7.3 A Conflict of Interest is where a person who is involved in the procurement has or may be perceived to have a personal interest in ensuring that a particular Bidder is

successful. Actual and potential conflicts of interest must be declared by a person involved in a Bid process.

8. CONDITION UNDER WHICH EOI IS ISSUED

The EOI is not an offer and is issued with no commitment. The Board reserves the right to withdraw EOI and or vary any part thereof at any stage. The Board further reserves the right to disqualify any bidder, should it be so necessary at any stage.

9. LAST DATE OF SUBMISSION OF EOI

The last date of submission of EOI is 04.03.2025, 18.00hrs.

10. FORMATS FOR SUBMISSION

FORMAT-1
APPLICANT'S EXPRESSION OF INTEREST

To,
The Member Secretary,
Jharkhand State Pollution,
T.A. Building, H.E.C Complex, Dhurwa, Ranchi (JH), 834004.

Sub: Submission of Expression of Interest Implementation of Bar-Coding System on **designated colour coded bags/containers containing the Bio-Medical Waste** within the State of Jharkhand.

Dear

In response to the Invitation for Expressions of Interest (EOI) published/ uploaded over the Boards' website on 27.02.2025 for the above purpose, we would like to express interest to carry out the above proposed task. As instructed, we attach 2 sets of the following documents in separately sealed envelopes and one soft copy:

1. Organizational Details (Format-2)
2. Experience in related fields (Format-3)
3. Financial strength of the organization (Format-4)
4. Additional information (Format-5)
5. Declaration (Format-6)

Sincerely Yours,

Signature of the applicant

[Full name of applicant]

Stamp.....

Date:

Encl.: As above. Note: This is to be furnished on the letter head of the organization.

FORMAT-2

S.No.	Organizational Contact Details	
1.	Name of Organization	
2.	Main areas of business	
3.	Type of Organization Firm/ Company/ partnership firm registered under the Indian Companies Act, 1956/the partnership Act, 1932	
4.	Whether the firm has been blacklisted by any Central Govt. / State Govt./PSU/ Govt. Bodies / Autonomous? If yes, details thereof.	
5.	Address of registered office with telephone no. & fax	
6.	Address of offices in i) National Capital Region of Delhi ii) All other State/UT's	
7.	Contact Person with telephone no. & e-mail ID	

Enclose:-

1. Copy of Certificate of Incorporation.
2. Copy of Article of Association in respect of 3 above.
3. Undertaking in respect of 4 above.

Signature of the applicant
Full name of the applicant
Stamp & Date

FORMAT-3

Experience in Related Fields					
Overview of the past experience of the Organization in all aspects					
S.NO.	Items	Numbers of Assignments during last 3 years	Order Value of each assignment in Lakhs of RS. (Enclose copy of each order)	Mention the name of Client/ Organization (Enclosed)	
1	Experience of assignments of similar nature				
1.1	Experience in carrying out similar assignments in Government				
1.2	Experience in carrying out Similar assignments in Public sector.				
Decision of Evaluating Committee in ascertaining “similar nature” and “similar assignment” will be final.					
Signature of the applicant Full name of applicant Stamp &Date					

FORMAT-4

Financial Strength of the Organization			
S. No.	Financial year	Overall annual turnover(in Crores of Rs.)	Annual turnover from only Consultancy services rendered in India(in Crores of Rs.)
1.	2021-22		
2.	2022-23		
3.	2023-24		

Note: Please enclose auditor's certificate in support of your claim.

Signature of the applicant

Full name of applicant

Stamp &Date

FORMAT-5

Additional Information

1.List of enclosures related to the previous sections.

S. No.	Description	No. of Pages

2.Additional information to support the eligibility (Not more than 2 pages).

Signature of the applicant
Full name of applicant

Stamp & Date

FORMAT-6

Declaration

We hereby confirm that we are interested in competing for setting up of National Seed Traceability System in India Scheme of DAC & FW

All the information provided here with is genuine and accurate.

Authorized Person's Signature.

Name and Designation:

Date of Signature:

Note: The declaration is to be furnished on the letter head of the organization.

Mandatory Requirements for QR code Based Biomedical Waste Management System:

- 1.** The QR code must comply with CPCB specifications
- 2.** The QR code system should generate a daily waste receipt for Authorized Treatment Sites (ATS), either electronically or through a printed receipt.
- 3.** The QR codes should be water proof, weather-resistant, and tear- proof.
- 4.** HCF must retain waste receipt records for a period of five years.
- 5.** The QR code system must be operated via a mobile application, which should be capable of functioning offline in case of network unavailability.
- 6.** A daily report must be provided in the CPCB-prescribed format.
- 7.** The QR codes should be waterproof and designed to withstand the handling conditions of biomedical waste.
- 8.** Mobile Based QR Code should integrate well with Bluetooth-enabled weighing machine.
- 9.** App should work seamlessly in areas without internet connectivity.
- 10.** The subscription fee includes secure data storage for five years, along with the generation of daily and annual BMW reports—both of which are mandatory under CPCB regulations.
- 11.** BMW receipt details should be automatically sent via email, ensuring a streamlined and paperless process.
- 12.** Trucks/ lorries employed for carriage of the waste should be fitted with the GPS tracking system to ensure that they follow proper route and waste is collected as well as disposed off at ear marked points.