

Public Health Engineering Organisation (PHEO)  
Housing and Urban Development Department (HUDD),  
Govt. of Odisha

**TENDER IDENTIFICATION No. CEPH-15/2015-16**

## **Request for Proposal**

**Volume 1 – Instructions to Bidder**

**RfP for Establishment and Operation of Public Health  
Engineering Laboratories for Testing and Quality  
Monitoring of Water & Waste Water under**

**PACKAGE-1— State Laboratory at Bhubaneswar and divisional  
laboratories at i) Berhampur ii) Bhubaneswar iii) Cuttack iv) Puri**

**PACKAGE-2—Divisional laboratories at i) Balasore ii) Baripada; iii)  
Rourkela; iv) Sambalpur**

**OFFICE OF THE ENGINEER-IN-CHIEF,  
PUBLIC HEALTH ODISHA, BHUBANESWAR  
Heads of Department Building, 1st Floor, Unit – V,  
Bhubaneswar-751001  
Phone No.0674-2393909, Fax No.0674-2396935**

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## Section 1. Letter of Invitation for Bid



**PUBLIC HEALTH ENGINEERING ORGANIZATION  
HOUSING AND URBAN DEVELOPMENT DEPARTMENT  
GOVERNMENT OF ODISHA**

**REQUEST FOR PROPOSAL**

RFP No. **CEPH-15** /2015-16 Date 21.03.2016

Sealed Request For Proposal (RFP) are invited by the **Engineer in Chief, PH**, Bhubaneswar under the administrative control of Housing & Urban Development Department, Government of Odisha (the “Client”) from amongst interested/intending Govt. (State/Central/Union Territory) and Private Agencies having experience of establishing and operating water/waste water testing laboratories (minimum one) and duly certified/accredited by NABL, Dept. of Science and Technology, GoI for selecting such agencies for establishment and operation of one state level advanced laboratory, Eight Divisional level Laboratories in Odisha on PPP mode for testing water & waste water for quality monitoring under two packages as per details at Section – 3, Data sheet.

The contracts is for establishment of the laboratory facility and carry out operation and maintenance of same for a period of ten years and to be selected on Least Cost Basis between eligible bidders. The bidders have to submit a technical and financial proposal for Package-1 or Package-2 or both. Further details of the services requested are provided in the various sections enclosed with this letter. The RFP documents are available at item “Tenders” in the Website: [www.pheoodisha.gov.in](http://www.pheoodisha.gov.in), <http://www.urbanodisha.gov.in> & from Government of Odisha website (<http://www.odisha.gov.in>) with effect from **31.03.2016. at 11.00 AM** which may be downloaded and submit the financial proposal with all required document, EMD along with a Demand Draft drawn on any **scheduled bank for Rs.10,500/-** (Rupees Ten thousand Five hundred only) towards cost of bid document (non-refundable) for each package in form of demand draft in favour of Executive Engineer, PH Division-II, Bhubaneswar payable at Bhubaneswar, Odisha **failing which the bid will be rejected.**

1. Completed Proposal for the work in prescribed format shall be received up to **30.04.2016 up to 05.00 PM**. The sealed proposals can be sent well in advance by registered post or speed post or in person to the **OFFICE OF THE ENGINEER-IN-CHIEF, PUBLIC HEALTH, ODISHA, BHUBANESWAR, Heads of Department**

**Building, 1st Floor, Unit – V, Bhubaneswar-751001**

2. Bidders can also submit proposal by hand to above office for which necessary gate pass can be issued for submission of offer.
3. The Proposal received shall be opened on **02.05.2016 itself at 11.30 AM** in the presence of representatives of bidders. Bidders are requested to ensure presence of their representative at the time of opening of the bid, who must submit an authorization letter from the bidder.
4. This RfP includes the following documents:
  - a) Volume – 1, Consisting of
    - (i.) This Letter of Invitation
    - (ii.) Instructions to Bidders
    - (iii.) Data Sheet and Check List
    - (iv.) Technical Proposal Standard Forms
    - (v.) Financial Proposal Standard form
    - (vi.) Terms of Reference (ToR)
  - b) Volume – 2, Consisting of
    - (i.) Standard Contract Document
    - (ii.) Bank Guarantee Format for Performance Security
5. While all information/data given in the RFP are, to the best of the Client's knowledge accurate within the consideration of scope of the proposed contract, the Client holds no responsibility for accuracy of information and it is the responsibility of the Bidder to check the validity of information/data included in this document.
6. The Client reserves the right to cancel the entire bid process or part of it, at any stage without assigning any reason thereof.
7. Interested Bidders may obtain further information from the office of The Engineer-In-Chief **Phone No.0674-2393909, Fax No.0674-2396935.**

**ENGINEER-IN-CHIEF, PUBLIC HEALTH,  
ODISHA, BHUBANESWAR**  
1<sup>st</sup> Floor, Heads of Departments Building  
Unit -5, Behind State Secretariat  
Bhubaneswar - 751001

## **Section 2. Instructions to Bidders**

### **2.1 Introduction**

- 2.1.1 These instructions should be read in conjunction with information specific to the services contained in the Covering Letter, Data Sheet and accompanying documents.
- 2.1.2 The proposal invited is on Public Private Participation basis. To Design, Build, Testing, Commissioning of water/waste water testing laboratories within 6 months from date of handing over of building space for the laboratory space followed by O&M for 10 years and subsequent transfer to Client.
- 2.1.3 The bidder to submit Technical and Financial Proposal package wise and selection shall be based on Least Cost Basis between eligible bidders. A single bidder can offer for one or both the packages.
- 2.1.4 The financial proposal for each package will have two parts consisting of Capital cost and Operation & Maintenance cost per annum. The client will bear 100% of the capital cost. However, bidder has to pay 10% of capital cost to client as a license fee. The O&M charge on lump sum basis per year is to be offered for each laboratory separately under the package. The prices offered for capital cost and O&M charges will be firm & Fixed. However O&M charges will be subject to escalation at the simple rate of 5% of O & M charges of 1st year after every year.
- 2.1.5 The Bidder shall bear all costs associated with the preparation and submission of its proposal and contract negotiation.
- 2.1.6 The Client is not bound to accept any proposal, and reserves the right to annul the selection process at any time prior to award of contract without thereby incurring any liability to the bidder.
- 2.1.7 In no case, sub-letting of "overall works" would be accepted.

### **2.2 Eligible Bidder**

- 2.2.1 In this case, the eligible Bidder is to be an institute of repute/ Govt. (State/Central/Union Territory) and Private Agencies/ firms having experience of establishing and operating water/waste water testing laboratories (minimum one) and duly certified/accredited by NABL, Dept. of Science and Technology, GoI. Agencies. The agencies are not having experience in handling similar assignments CAN NOT participate in the bidding process.
- 2.2.2 Bidders shall provide evidence of their experience in handling similar projects in form of Valid Registration Certificate of the intending Agency. The Registration Certificate should also contain the name/nomenclature of the tests and relevant standard(s) / specification(s) (any standard method e.g, ASTM/BIS/APHA/USEPA) to be followed for conducting such tests for which the Agency has been permitted/allowed in the Registration Certificate.
- 2.2.3 The bidders must have an experience of operating at least one laboratory with valid accreditation certificate of NABL. The scope of NABL certification should cover all the tests which are to be under taken as a part of this agreement.

- 2.2.4 The bidders must have at least 50 persons if offering for single Package or 100 persons if offering for both the packages in their payroll as full time/contractual employees as on 30th September, 2015.
- 2.2.5 "Average" Annual turnover of the bidder should be more than Rs.2.0 crores (If offering for single package) or Rs.4 crores (If offering for both the packages), during last 3 financial years<sup>1</sup>.
- 2.2.6 The Net worth of Firm/Agency should be more than Rs 1.0 crores.
- 2.2.7 No Joint venture/Consortium bid is accepted.

## 2.3 Conflict of Interest

- 2.3.1 Conflict of interest exists in the event of: (i) conflicting assignments, typically monitoring and evaluation/environmental assessment of the same project by the eligible Bidder; (ii) Agencies or institutions who have a business or family relation with the Client directly or indirectly; and (iii) the bidder adopts practices prohibited under the anti-corruption policy of the Government of India and Government of Odisha.

## 2.4 Disclosure

- 2.4.1 Bidders have an obligation to disclose any actual or potential conflict of interest. Failure to do so may lead to disqualification of the Bidder or termination of its Contract.
- 2.4.2 Bidders must disclose if they are or have been the subject of any proceedings (such as blacklisting) or other arrangements relating to bankruptcy, insolvency or the financial standing of the Bidder, including but not limited to appointment of any officer such as a receiver in relation to the Bidder's personal or business matters or an arrangement with creditors, or of any other similar proceedings.
- 2.4.3 Bidders must disclose if they have been convicted of, or are the subject of any proceedings relating to:
- 2.4.4 a criminal offence or other serious offence involving the activities of a criminal organisation, or where they have been found by any regulator or professional body to have committed professional misconduct;
- 2.4.5 Corruption including the offer or receipt of an inducement of any kind in relation to obtaining any contract;
- 2.4.6 Failure to fulfill any obligations in any jurisdiction relating to the payment of taxes or social security contributions.

## 2.5 Anti-corruption Measure

- 2.5.1 Any effort by Bidder(s) to influence the Client in the evaluation and ranking of technical Proposals, and recommendation for award of Contract, may result in the rejection of the Proposal.
- 2.5.2 A recommendation for award of Contract shall be rejected if it is determined that the recommended Bidder has directly, or through an agent, engaged in corrupt, fraudulent,

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<sup>1</sup>Average will be calculated for the financial years 2012-13, 2013-14 and 2014-15

collusive, or coercive practices in competing for the contract in question. In such cases H & UD Dept. shall blacklist the Bidder either indefinitely or for a stated period of time, disqualifying it from participating in any H & UD Dept. related bidding for the said period.

## **2.6 Clarification on Provisions of the RFP Document**

2.6.1 Interested Bidders may seek clarification on any of the provisions in the RFP document through e-mail to [cephodisha@gmail.com](mailto:cephodisha@gmail.com) addressed to the Client's Representative. Such requests for clarification shall be entertained up to **07.04.2016**.

## **2.7 Pre-Bid Conference**

2.7.1 Besides requesting clarification through e-mail, interested bidders can also clarify their queries by participating in the pre-bid conference, The Client shall organize a Pre-Bid Conference on Date: **07.04.2016**., Time:**11:00AM**, Place: Conference Hall of PHEO. Interested prospective Bidders may attend. Response to all clarifications shall be mailed back to the prospective bidders on or before **14.04.2016**.

## **2.8 Amendment of the RFP document**

2.8.1 At any time before submission of Proposals, the Client may amend the RFP by issuing an addendum through web hosting at [www.urbanodisha.gov.in](http://www.urbanodisha.gov.in), [www.pheoodisha.gov.in](http://www.pheoodisha.gov.in) & [www.odisha.gov.in](http://www.odisha.gov.in). Any such addendum will be binding on all the Bidders.

2.8.2 To give Bidders reasonable time in which to take an addendum into account in preparing their Proposals, the Client may, at its discretion, extend the deadline for the submission of the Proposals.

## **2.9 Language of Proposals**

2.9.1 The Proposal and all related correspondence exchanged between the Bidder and the Client shall be written in the English language. Supporting documents and printed literature that are part of the Proposal may be in another language provided they are accompanied by an accurate translation of the relevant passages in English with self-certification for accuracy, in which case, for the purposes of interpretation of the Proposal, the translated version shall govern.

## **2.10 Cost of bidding**

2.10.1 The Bidder shall bear all costs associated with the preparation and submission of its Proposal. The Client shall not be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.

## **2.11 Taxes**

2.11.1 The Bidder may be subject to taxes (such as: fringe benefit tax, value added or sales tax, service tax, duties, etc.) on amounts payable by the Client under the Contract, which are to be borne by the bidder.

## **2.12 Submission of Proposal**

2.12.1 Proposals must be received before the deadline specified in the Data Sheet.



2.12.2 Proposals must be submitted to the address specified on the Data Sheet and delivered on or before the time specified in the Data Sheet.

## **2.13 Documents comprising the Proposal**

2.13.1 Bidders shall submit one sealed envelope, containing the Technical and Financial Proposal package wise. The Technical Proposals will be opened at the date and time specified in the Data Sheet.

## **2.14 Proposal validity**

2.14.1 Proposals shall remain valid for the period specified in the Data Sheet commencing with the deadline for submission of Technical Proposals as prescribed by the Client.

2.14.2 A Proposal valid for a shorter period shall be considered non- responsive and will be rejected by the Client.

## **2.15 Format and Signing of Proposals**

2.15.1 A Technical and Financial Proposal (original) for each package as mentioned in the Data Sheet shall be submitted in the prescribed format attached with this RfP document at Section-III & Section IV.

2.15.2 The original Proposal shall be signed by a person duly authorized to sign on behalf of the Bidder. The name and position of the person signing the authorization must be typed or printed below the signature. All pages of the Technical Proposal shall be signed by the person signing the Proposal.

2.15.3 Any interlineations, erasures, or overwriting shall be valid only if signed or initialed by the person signing the Proposal.

## **2.16 Deadline for Submission of Proposals**

2.16.1 The Client may, at its discretion, extend the deadline for the submission of the Proposal by amending the RfP, in which case all rights and obligations of the Client and Bidders subject to the previous deadline shall thereafter be subject to the deadline as extended.

## **2.17 Late Proposals**

2.17.1 The Client will not consider any Proposal that arrives after the deadline prescribed by the Client for submission of Proposals in the Data Sheet. Any Proposal received after the respective deadline for submission shall be declared late, rejected, and returned unopened to the Bidder.

## **2.18 Evaluation of Offers**

2.18.1 Bids received and found valid will be evaluated by CLIENT to ascertain the best evaluated bid in the interest of CLIENT for project services under this document. The Bidder should take enough care to submit all the information sought by CLIENT in the desired formats. The bids are liable to be rejected if information is not provided in the desired formats, however CLIENT reserves right to seek any clarification from any bidder if it so desires. The proposals, in general, shall be evaluated using the following criteria:

2.18.2 Technical evaluation of the bid would be carried out applying the evaluation criteria specified below. Each respective technical bid will be attributed a technical score as per following breakup:

Sl. No.	Qualification Criteria	Weightage Marks	Maximum Marks awarded	Evaluation Criteria
<b>1</b>	<b>Firm Experience</b>			
1.1	No. of years of experience in Establishment and operation of a Water testing laboratory	<b>40</b>	20	for each and every laboratory:- 1 year = 0 marks and for every additional year 2 marks Maximum 20
1.2	Total number of NABL approved laboratory under operation		10	1 Lab. = 0 marks and for every additional Lab. 2 mark Maximum 10
1.3	No. of years of Experience in operation of other laboratory		10	for each and every laboratory:- 1 year = 0 marks and for every additional year 1 marks Maximum 10
<b>2</b>	<b>Annual Turnover (average 3 years)</b>			
2.1	Average Annual turnover for Rs. 2 Crore and above but less than or equal to Rs. 4 Crore	<b>15</b>		10
2.2	Annual Turnover of more than Rs. 4 Crore			15
<b>3</b>	<b>Annual Net Worth<sup>2</sup> as on 31 March 2015</b>			
3.1	Annual Net Worth of Rs. 1 Crore and less than or equal to Rs. 2 Crore	<b>15</b>		10
3.2	Annual Net Worth of more than Rs. 2 Crore			15
<b>4</b>	<b>Institutional Strength</b>			
4.1	Quality and Number of Own Technical Experts (in domain areas of Chemistry, Zoology or Microbiology with water/waste water testing experience)	<b>10</b>	5	10 experts = 0 and for every additional experts 0.5 mark Maximum 5 Marks.
4.2	Total No. of Personnel in the Payroll of the Institution.		5	More than 50 Nos - 2 Mark, for every additional 20 Nos over 50 Nos - 1 Mark
<b>5</b>	<b>Methodology including<sup>3</sup>Management Plan</b>	<b>20</b>		

<sup>2</sup>Net Worth shall mean (Subscribed and Paid-up Equity + Reserves) less (Revaluation reserves + miscellaneous expenditure not written off + reserves not available for distribution to equity shareholders).

Sl. No.	Qualification Criteria	Weightage Marks	Maximum Marks awarded	Evaluation Criteria
5.1	Appreciation of the project and response to the ToR			10
5.2	Methodology including work plan and proposed management plan			20
	Total	100		

2.18.3 Based on the evaluation of technical bids, the bidders shall be ranked highest to lowest technical score (St) in accordance with the total marks obtained. The bidders with technical bid score of minimum 70% and above will be considered technically qualified for further process.

2.18.4 The price bids of technically qualified bidders will only be opened for financial evaluation.

2.18.5 The successful Bidder shall be the one offering the LOWEST price i.e L1. However if more than one Bidder offers the same lowest price, in such case Bidder having higher technical score shall be the successful Bidder.

2.18.6 The lowest price shall be evaluated Package wise considering CAPITAL COST offered for all the laboratories and operation cost of 10 years of operation. The operation cost offered per year will be escalated @5% after every year to determine total operation cost for 10 years.

## 2.19 Presentation

2.19.1 The consultant will have to make a presentation to CLIENT. The presentation shall detail the appreciation of the project, approach and methodology, proposed organizational structure, work program, implementation strategy. The objective of presentation is to enable CLIENT to evaluate the consultant regarding their understanding and preparedness for the assignment. Clarifications, if any, as required by CLIENT will also be discussed. The date and venue of presentation will be decided by CLIENT and intimated on the day of opening of bid or otherwise at least one week in advance.

## 2.20 Client's Right to Accept and to Reject any or all Proposals

2.20.1 The Client reserves the right to accept or reject any Proposal, and to annul the bidding process and reject all Proposals at any time prior to Contract award, without thereby incurring any liability to the Bidders.

## 2.21 Award of Contract Notification

2.21.1 Prior to the expiration of the Proposal validity period, the Client shall notify the successful Bidder, in writing, that its Proposal has been accepted. At the same time, the Client shall notify all other Bidders of the results of the bidding.

2.21.2 Subsequent to the Selection of the Successful Bidder, a letter of award ("LoA" or "Letter of Award") would be issued, in duplicate, to the Successful Bidder, by the Client.

<sup>3</sup>Bidder shall have to make the presentation in front of client to get 50% of marks under this criterion.

- 2.21.3 Within 15 (fifteen) days from the date of issue of the LoA, the Successful Bidder shall sign and return the duplicate copy of the LoA in acknowledgement thereof. In the event the duplicate copy of the LoA duly signed by the Successful Bidder is not received by the stipulated date, the Client may, unless it consents to extension of time for submission thereof, appropriate the Bid Security of such Bidder as Damages on account of failure of the Successful Bidder to acknowledge the LoA, and the next eligible Bidder may be considered.
- 2.21.4 After receipt of the acknowledgement from the Successful Bidder, the Client will promptly notify other Bidders that their Commercial Proposals have been unsuccessful and their Bid Security shall be returned within 30 (thirty) days, without interest, of the signing of the Concession Agreement with the Successful Bidder.
- 2.21.5 Until a formal Contract is prepared and executed, the notification of award shall constitute a binding Contract.

## **2.22 Negotiations / Clarifications**

- 2.22.1 The successful Bidder will be informed in writing of the date, place and time for negotiations/clarifications, if any. Representatives conducting negotiations on behalf of the Bidder must have written authority to negotiate and conclude a Contract.

## **2.23 Signing of Contract**

- 2.23.1 The successful Bidder shall sign the contract agreement as per Volume -2 of RFP with ENGINEER-IN-CHIEF, Public Health Odisha, Bhubaneswar.
- 2.23.2 The Successful Bidder shall have to enter into the Concession Agreement with the Client within 15 (Fifteen) days from the date of issue of the LoA.
- 2.23.3 Failure of the Successful Bidder to comply with the requirements mentioned in the above paragraph shall constitute sufficient grounds for the annulment of the LoA, and forfeiture of the Bid Security. In such an event, the Client reserves the right to select the Successful Bidder as per Clause 2.18 and 2.19 or take any such measure as may be deemed fit in the sole discretion of the Client, including annulment of the Bidding Process.
- 2.23.4 The Client reserves the right to cancel the award in case the Successful Bidder fails to sign the Concession Agreement and/or does not submit the Performance Security and/or the license fee/ the other documents mentioned in the Bidding Documents.

## Section 3. Data Sheet and Check List

### 3.1. Data Sheet:

1.	<b>Title of Consulting Service:</b> Establishment and operation of One state level advanced laboratory and Eight division level laboratories in Odisha on PPP mode for testing water & waste water for quality monitoring on DBOT mode. Contract period 10 years.
2.	<b>Name of the Client:</b> ENGINEER-IN-CHIEF, PUBLIC HEALTH, ODISHA, BHUBANESWAR
3.	Method of selection:Least Cost Basis through bids from eligible firms/ agencies.
4.	Selection of firm/agency: The bidders have to submit the technical Proposal giving their credentials, experience, financial status as per technical proposal form given at Section – 3& Financial proposal as per Section – 4 package wise. The evaluation shall be made as per evaluation criteria specified at Section – 2, (Clause 2.18).
5.	Details of Packages and Name of the cities/towns where Laboratory is to be established: <b>PACKAGE-1— State Laboratory at Bhubaneswar and division/city laboratories at i) Berhampur ii) Bhubaneswar iii) Cuttack iv) Puri</b> <b>PACKAGE-2—Division/City laboratories AT i) Balasore ii) Baripada; iii) Rourkela;and iv) Sambalpur;</b>
6.	Technical proposal to be submitted: YES, as per form given at Section – 3 along with all supporting documents, separately for Package-1 and/or Package-2.
7.	Financial proposal to be submitted: YES, as per form given at Section – 4
8.	Address for submission of Proposals: OFFICE OF THE ENGINEER-IN-CHIEF, PUBLIC HEALTH ODISHA, BHUBANESWAR Heads of Department Building, 1st Floor, Unit – V, Bhubaneswar-751001
9.	A pre-bid conference to be held: YES Date: <b>07.04.2016</b> Time:11:00AM Place: Conference Hall of PHEO
10.	The Client's Representative is: ENGINEER-IN-CHIEF, PUBLIC HEALTH, ODISHA, BHUBANESWAR

11.	Proposals shall remain valid for 120days after the submission date indicated in this Data Sheet.
12.	Clarifications may be requested not later <b>07.04.2016</b> . All requests for clarifications will be directed to the Client’s representative. The Client shall respond to requests for clarifications by electronic means on or before <b>14.04.2016</b> .
13.	The Bidder is required to include with its proposal written confirmation of authorization to its representative to sign on behalf of the Bidder: YES
14.	Joint Ventures or Consortium offer:- NOT permissible
15.	Bidders Eligibility Criteria–Applicable As per details given at section – 2, clause 2.2. Eligible bidder.
16.	While submitting the proposal the bidder has to ensure that a technical Proposal for the package-1 and/or Package-2 in original to be kept in sealed envelope with superscription “Technical Proposal for Establishment and Operationalisation of Water testing Laboratories in Odisha (Package-1 or Package-2)” and Financial Proposal for the package in original to be kept in separate sealed envelope with superscription “Financial Proposal for Establishment and Operationalisation of Water testing laboratories in Odisha package no ____”. Both the above two sealed envelope to be kept in an outer envelope marked as under. On the envelope clearly write/print in bold capital letters “DO NOT OPEN EXCEPT IN THE PRESENCE OF THE CLIENT’S REPRESENTATIVE AND PRIOR TO <b>02.05.2016</b> (11.30 AM)”. The outer envelope must be labeled with: a) Title: “Proposal for Establishment and Operationalisation of Water tasting laboratories (Package-1 or Package-2) in Odisha” b) RFP Number; c) Last date of bid Submission; d) Full address of bid submission authority with contact no and email on the right; e) Full address of the Bidder with contact no and email on the left.
17.	The outer envelope must be labeled with: a) Title: “Proposal for Establishment and Operationalisation of Water tasting laboratories (Package-1 or Package-2) in Odisha” b) RFP Number; c) Last date of bid Submission; d) Full address of bid submission authority with contact no and email on the right; e) Full address of the Bidder with contact no and email on the left.
18.	If any envelope is not sealed and marked as instructed, the Client will assume no responsibility for the misplacement or premature opening of envelopes leading to disqualification of the Bidder from the bidding process.
19.	Tender fee must be deposited: YES Tender fee of Rs. 10, 500/- (non-refundable) to be deposited. Earnest Money Deposit (EMD) to be submitted: YES <b>EMD of Rs.3.00 lakh</b> per Package(Refundable) to be deposited

	Bidder offering for both the Packages total <b>EMD will be Rs 6.00 lakh</b>
20.	Form for Cost of tender Paper will be: in form of demand draft in favour of Executive Engineer, P.H Division-II,BBSR payable at Bhubaneswar.  <b>Form of EMD will be in shape of N.S.C./Post office Saving Bank Account/ POTD Account / Kissan Vikas Patra /Term Deposit of any Nationalised Bank duly pledged in favour of Executive Engineer, P.H Division-II,BBSR Bids not accompanied by tender fees and EMD shall stand rejected.</b>
21.	A Performance Bank Guarantee is to be submitted by the winning Bidder upon signing of Contract: YES
22.	Performance bank guarantee amount will be 10 percent of total contract value of the Project  Bank Guarantees will be made in favour of the Executive Engineer, P.H Division-II,BBSR from a scheduled/nationalized bank countersigned, enforceable and payable by a local branch at Bhubaneswar. On submission of performance bank guarantee, the EMD submitted is to be refunded. It should remain valid and in full force and effect until expiry of 6 (six) months period of the contract period.
23.	A license fee is to be submitted by the winning bidder upon signing of Contract: YES  The amount will be 10 percent of the total capital value of project. It is a non-refundable fee.  A Demand Draft will be made in favour of the Executive Engineer, P.H Division-II,BBSR payable at Bhubaneswar.
24.	Proposals must be submitted no later than the following date and time:  <b>30.04.2016</b> up to 17.00 hours (5.00 PM).
25.	Date and time for public opening of the Proposals received:  <b>02.05.2016</b> at 11.30 hours
26.	Expected date/month for commencement of contract: 15 days from date of issue of LoI.
27.	Expected date/month for completion of contract :10 years

### 3.2. Check List:

The bidders are requested to check the following points before submitting the bids:

<b>i)</b>	1	Whether the Proposals have been properly marked, superscripted, labeled and sealed, as required? Separate proposal for Package-1 and/or Package-2
	2	Whether each proposal has been ink-signed by the appropriate authority? Have all the pages of the proposal been ink-signed?
	3	Whether the Audited balance sheet for last three years been submitted along with the proposal and chartered accountants certificate for turnover?
	4	Have the Tender Fee and EMD been enclosed with the technical proposal?
	5	Whether the number of pages of the proposal properly indexed?
<b>ii)</b>		All the bidders should send:
		a. Firms authorization letter for signatory
		b. Brief Profile of the Firm
		c. Experience of successfully establishing & operating at least one number water testing laboratory certified by NABL – copy of work order/certificate to be enclosed).
		d. Self-certificate by Director/Owner of the bidders firm regarding the no of persons employed in roll of company as on 30th September, 2015.
		e. For the five best projects claimed under other experience enclose copies of work order/certificate



## Section 4. Technical Proposal – Standard Forms

### Form Tech 1: Letter of Technical Proposal Submission

Letter No.:

Place:

Date:

**From:** [Name of Firm with  
Complete Address of Communication]

**To:**

**THE ENGINEER-IN-CHIEF, Public Health  
ODISHA, BHUBANESWAR**

**Subject:** Establishment and Operationalization of water testing laboratories for Package-1 /  
Package-2 for a period of 10 years (**Technical Proposal**)

We, the undersigned, offer to provide the services for the above in accordance with your Request for Proposal dated **21.03.2016**. We are hereby submitting our Technical Proposal both in hard copy and soft copy format sealed in an envelope.

We have examined the information provided in your Request for Proposal (RFP) and offer to undertake the work described in accordance with requirements and as per fee payable specified in RFP. This proposal is valid for acceptance for 120 days and we confirm that this proposal will remain binding upon us and may be accepted by you at any time before this expiry date.

We accept that any contract that may result will comprise the contract documents issued with the RFP and be based upon the documents submitted as part of our proposal; and placed by the <<**Name of bidder**>>. The Proposal has been arrived at independently and without consultation, communication, agreement or understanding (for the purpose of restricting competition) with any other party invited to tender for this contract.

We hereby declare that all the information and statements made in this Proposal are true and accept that any misinterpretation contained in it may lead to our disqualification.

I confirm that I have the authority of <<**Name of the bidder**>> to submit proposals/tenders and to clarify any details on its behalf.

We understand you are not bound to accept any proposal you receive.

Yours sincerely,

Signature [In full and initials]:

Name and Title of Signatory:

Name of Firm:

Address:

Enclosures:

## Form Tech 2: Summary of Bidder's Organization

### For Package 1 / Package 2

#### General Details:

S.No.	Name of the organization/ Firm/ Institute	
1.	<b>Permanent address</b> Tel : Fax: Email id :	
2.	<b>Name of the Authorized person for submitting proposal:</b> Mobile No. : Email id : (Attach Authorization letter of Competent Authority)	
3.	<b>Demand draft Details Tender fee</b> Amount : DD No. : Issuing Date: Name of the Bank:	
4.	<b>Demand draft Details OF EMD</b> Amount : DD No. : Issuing Date: Name of the Bank:	
5.	Discloser information as per clause-4 Instruction to Bidder (Section -1)	
6.	<b>Whether the agency was ever blacklisted: Y/N</b> If yes whether that blacklisting was not cancelled: Y/N (If yes, attach copy of same and the affidavit)	
7.	<b>Brief professional background of the organization</b>	
8.	<b>Confirm to carry assignment as per TOR of RFP</b>	<b>YES</b>
9.	<b>Confirm to accept all term &amp; conditions specified in RFP documents</b>	<b>YES</b>
10.	Confirm whether you have experience of establishing and operating at least one water testing NABL certified laboratory	

Authorized Signature [In full and initials]:

Name and Title of Signatory:

Name of Firm:

Address:

### **Form Tech 3: Financial details of bidder**

#### **FinancialDetails:**

<b>S.N.</b>	<b>Year</b>	<b>Turnover</b>	<b>Networth<sup>4</sup> as on 31 March 2015</b>
1.	<b>2012-13</b>		
2.	<b>2013-14</b>		
3.	<b>2014-15</b>		
4.	<b>Average for 3 years</b>		

(Certificate from Chartered Accountant for the turn over to be enclosed along with the copies of balance sheets.)

Authorized Signature [In full and initials]:

Name and Title of Signatory:

Name of Firm:

Address:

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<sup>4</sup>Net Worth shall mean (Subscribed and Paid-up Equity + Reserves) less (Revaluation reserves + miscellaneous expenditure not written off + reserves not available for distribution to equity shareholders).

### **Form Tech 4: Institutional details of bidder**

#### **(A) Institutional Strength (Quality and Number of Own Technical Experts)**

##### **Professionals having specialization in Chemistry/Zoology/Microbiology**

<b>SN</b>	<b>Name of the Expert</b>	<b>Qualification</b>	<b>Total Years Of Experience</b>	<b>Total years of water testing Lab experience</b>
<b>1</b>				
<b>2</b>				
<b>3</b>				
<b>4</b>				
<b>5</b>				
<b>.</b>				

Add rows for additional number if necessary.

#### **(B) Total Number of personnel in payroll as of 30<sup>th</sup>Sep2015**

--

Authorized Signature [In full and initials]:

Name and Title of Signatory:

Name of Firm:

Address:

## Form Tech 5: Experience of bidder

### A. Work Experience (Similar Project) up to 30/09/2015

SN	Name of Client and Address of laboratory	Project details (Establishment and operationalization of Water testing laboratories in last 5 years)	Duration of project in years	Value of contract in INR	Work order issued/MoA signed on (date) (Attach documents)	Status of NABL certification
1						
2						
3						
4						
.						

(ADD ROWS IF REQUIRED)

### B. Experience in other laboratories (5 Best Projects in last 5 years up to 31.03.2016)

SN	Client and Address of laboratory	Project details	Duration of operation in years	Value of contract in INR	Work order issued / MoA signed on (date) (Attach documents)	Status of implementation
1						
2						
3						
4						
5						

### C. Total Number of NABL certified Laboratory under operation by the firm

Authorized Signature [In full and initials]:

Name and Title of Signatory:

Name of Firm:

Address:

## **Form Tech 6: Approach and Methodology**

### **Methodology including Management Plan**

A detailed write-up under the following heads to be submitted along with this offer.

1. Appreciation of the project and response to the ToR.(In 5000 words)
2. Methodology including work plan and proposed management plan. (In 5000 words)

Authorized Signature [In full and initials]:

Name and Title of Signatory:

Name of Firm:

Address:

## **Form Tech 7: Declaration on provision of equipment by bidder**

**To:**

**THE ENGINEER-IN-CHIEF, Public Health  
ODISHA, BHUBANESWAR**

**Subject: Confirmation of bidder to provide the laboratory equipment as per requirements given in Section – 6, ToR, Annexure – 2.**

Sir,

We, the undersigned, like to confirm that the equipment proposed by us (as listed in Annex 1 to this form) to be installed in proposed laboratories meets all the specifications/ requirements laid under RFP, Section – 6, ToR, Annexure – 2.

We would also like confirm that during the time of installations of equipment across each of the proposed laboratories, we shall be bound to replace the proposed equipment by us if it fails to meet the specifications/ requirements laid under RFP, Section – 6, ToR, Annexure – 2. and is rejected by PHEO.

Yours sincerely,

Authorized Signature [In full and initials]:

Name and Title of Signatory:

Name of Firm:

Address:

**Enclosure:**

## List of equipment proposed by bidder and bidder's confirmation

Note: Bidder has to provide this information package wise.

### A. State Laboratory at Bhubaneswar

S. No	Items	Make and Model no.	Confirmation of Specifications as per RFP, Appendix XX (Yes/ No)
<b>A</b>	<b>Instruments</b>		
1	Gas Chromatograph Mass Spectrometer (GCMS)		
2	Atomic Absorption Spectrometer (AAS) with graphite furnace		
3	Gas Liquid Chromatography (GLC)		
4	High Performance Liquid Chromatography (HPLC)		
5	Inductively Coupled Plasma Spectrometer (ICPS)		
6	Scintillation counter		
7	Mercury Analyser		
8	Total Organic Carbon Analyser		
9	Stereoscopic Microscope		
10	Flame Photometer		
11	Spectrophotometer (Visible and Ultraviolet)		
12	Nephelometer		
13	Mono pan Digital Balance, Chemical		
14	Conductivity Meter		
15	pH Meter		
16	Jar Test Apparatus		
17	Specific Ion Meter		
18	Microscope		
19	PCR		
20	Laminar flow,		
21	Ultrapure water Equipment		
<b>B</b>	<b>Equipment</b>		
22	Microwave Oven		
23	Kjeldahl Nitrogen Analyser		
24	Arsine generator		
25	Muffle Furnace		
26	Magnetic Stirrer		
27	Oven		



S. No	Items	Make and Model no.	Confirmation of Specifications as per RFP, Appendix XX (Yes/ No)
28	Autoclave		
29	Membrane Filter Assembly		
30	Incubators 370°C and 440°C		
31	Centrifuge ( adjustable rpm)		
32	Colour Comparator and comparator test set for residualCl <sub>2</sub>		
33	Colony Counter		
34	Vacuum Pump		
35	Heating Mantle and Hot Plates		
36	Specific Ion electrodes (F <sup>-</sup> , Cyanide and others)		
37	Fume Cupboard		
38	Physical Balance		
39	Water Bath with 12 Concentric Holes and Discs		
40	Desiccators		
41	Soxhlet Extraction Unit		
42	BOD Incubator		
43	COD reactor		
44	Sieve Shaker with standard sieves		
45	Rotary Shaker		
46	Double distillation unit		
<b>C</b>	<b>Miscellaneous Equipment</b>		
47	Deep Freezer		
48	Refrigerator		
49	Fuel Gas cylinder or pipe gas supply		
50	Burners		
51	Fire Extinguisher		
52	First aid Kit		
53	Safety Equipment (Goggles, apron, gloves, gas mask)		
54	UPS /Inverter		
55	PC with printer		
56	Telephone		
57	Internet		
58	Air conditioner		
59	Ice Box		
60	Wash station		

**B. Divisional Laboratory at Identified locations under two packages**

S. No	Items	Make and Model no.	Confirmation of Specifications as per RFP, Appendix XX (Yes/ No)
<b>A</b>	<b>Instruments</b>		
1	Stereoscopic Microscope		
2	Flame Photometer		
3	Spectrophotometer (Visible and Ultraviolet)		
4	Nephelometer		
5	Mono pan Digital Balance, Chemical		
6	Conductivity Meter		
7	pH Meter		
8	Jar Test Apparatus		
9	PCR		
10	Laminar flow,		
11	Ultrapure water Equipment		
<b>B</b>	<b>Equipment</b>		
12	Arsine generator		
13	Muffle Furnace		
14	Magnetic Stirrer		
15	Oven		
16	Autoclave		
17	Membrane Filter Assembly		
18	Incubators 370°C and 440°C		
19	Centrifuge ( adjustable rpm)		
20	Colour Comparator and comparator test set for residualCl <sub>2</sub>		
21	Colony Counter		
22	Vacuum Pump		
23	Heating Mantle and Hot Plates		
24	Fume Cupboard		
25	Physical Balance		
26	Water Bath with 12 Concentric Holes and Discs		
27	Desiccators		
28	Soxhlet Extraction Unit		
29	BOD Incubator		
30	COD reactor		
31	Sieve Shaker with standard sieves		

S. No	Items	Make and Model no.	Confirmation of Specifications as per RFP, Appendix XX (Yes/ No)
32	Rotary Shaker		
33	Double distillation unit		
<b>C</b>	<b>Miscellaneous Equipment</b>		
35	Refrigerator		
36	Fuel Gas cylinder or pipe gas supply		
37	Burners		
38	Fire Extinguisher		
39	First aid Kit		
40	Safety Equipment (Goggles, apron, gloves, gas mask)		
41	UPS /Inverter		
42	PC with printer		
43	Telephone		
44	Internet		
45	Motorcycles with sampling kits		
46	Air conditioner		
47	Ice Box		
48	Wash station		

Authorized Signature [In full and initials]:

Name and Title of Signatory:

Name of Firm:

Address:

## **Section 5. Financial Proposal – Standard Forms**

### **Form FIN 1: Financial Proposal Submission Form**

[Location,Date]:.....

To:

DearSirs:

We, the undersigned, offer to provide the consulting Assignment/job for Establishment and Operationalization of laboratories under Package No \_\_\_\_ in accordance with your Request for proposal dated [Insert Date]and our Technical Proposal. Our attached Financial Proposal is for the sum of [Insert amount(s) in words and figures]. This amount is inclusive of the Domestic taxes. We hereby confirm that the financial proposal is unconditional and we acknowledge that any condition attached to financial proposal shall result in reject of our financial proposal.

Our Financial Proposal shall be binding upon us subject to the modifications resulting from Contract negotiations, up to expiration of the validity period of the Proposal, i.e. before the date indicated in Pt. No. 11of the Data Sheet.

We understand you are not bound to accept any Proposal you receive.

We remain,

Yours sincerely,

Authorized Signature [In full and initials]:

Name and Title of Signatory:

Name of Firm:

Address:

**Enclose: Financial Proposal**

## Form FIN 2: Summary of Financial Proposal

**For Package XX:**

S. No.	Type of Costs	Amount (In Rs.)
1	Capital Costs (Form Fin 3)	
2	Total Monthly Remuneration Costs (Form Fin 4)	
3	Taxes, if any	
	<b>Total Costs</b>	

1. Service Tax as applicable is included in the fee quoted above.
2. Fee offered above shall remain firm and fixed till completion of the contract.

Yours sincerely,

Authorized Signature [In full and initials]:

Name and Title of Signatory:

Name of Firm:

Address:

**Form FIN 3: Format for Capital Costs( Quantity to be specified separately for State Laboratory and Divisional Lab)**

For PACKAGE-1— State Laboratory at Bhubaneswar and division/city laboratories at i) Berhampur ii) Bhubaneswar iii) Cuttack iv) Puri

Note: Bidder shall be required to provide package wise financial information in the given format.

The financial quotation of the bidder towards capital cost shall be 100% of the total capital project quoted by bidder in table given below.

S. No	Items	Capital Costs (Cost of the Interiors/ Equipment/ Instruments) (In. Rs.)					Total Costs
		State Laboratory	Divisional Laboratory				
		Bhubaneswar	Bhubaneswar	Berhampur	Cuttack	Puri	
	1	2	3	4	5	6	7
	Name of Laboratory						
<b>I</b>	<b>Total Capital Costs</b>						
<b>A</b>	<b>Interiors</b>						
	Modular design @ per 10 Sq.m						
<b>B</b>	<b>Instruments</b>						
1	Gas Chromatograph Mass Spectrometer (GCMS)						
2	Atomic Absorption Spectrometer (AAS) with graphite furnace						
3	Gas Liquid Chromatography (GLC)						
4	High Performance Liquid Chromatography (HPLC)						
5	Inductively Coupled Plasma Spectrometer (ICPS)						
6	Scintillation counter						
7	Mercury Analyser						
8	Total Organic Carbon Analyser						
9	Stereoscopic Microscope						

S. No	Items	Capital Costs (Cost of the Interiors/ Equipment/ Instruments) (In. Rs.)					Total Costs
		State Laboratory	Divisional Laboratory				
		Bhubaneswar	Bhubaneswar	Berhampur	Cuttack	Puri	
	1	2	3	4	5	6	7
	Name of Laboratory						
10	Flame Photometer						
11	Spectrophotometer (Visible and Ultraviolet)						
12	Nephelometer						
13	Mono pan Digital Balance, Chemical						
14	Conductivity Meter						
15	pH Meter						
16	Jar Test Apparatus						
17	Specific Ion Meter						
18	Microscope						
19	PCR						
20	Laminar flow,						
21	Ultrapure water Equipment						
<b>C</b>	<b>Equipment</b>						
22	Microwave Oven						
23	Kjeldahl Nitrogen Analyser						
24	Arsine generator						
25	Muffle Furnace						
26	Magnetic Stirrer						
27	Oven						
28	Autoclave						

S. No	Items	Capital Costs (Cost of the Interiors/ Equipment/ Instruments) (In. Rs.)					Total Costs
		State Laboratory	Divisional Laboratory				
		Bhubaneswar	Bhubaneswar	Berhampur	Cuttack	Puri	
	1	2	3	4	5	6	7
	Name of Laboratory						
29	Membrane Filter Assembly						
30	Incubators 370°C and 440°C						
31	Centrifuge ( adjustable rpm)						
32	Colour Comparator and comparator test set for residualCl <sub>2</sub>						
33	Colony Counter						
34	Vacuum Pump						
35	Heating Mantle and Hot Plates						
36	Specific Ion electrodes (F <sup>-</sup> , Cyanide and others)						
37	Fume Cupboard						
38	Physical Balance						
39	Water Bath with 12 Concentric Holes and Discs						
40	Desiccators						
41	Soxhlet Extraction Unit						
42	BOD Incubator						
43	COD reactor						
44	Sieve Shaker with standard sieves						
45	Rotary Shaker						
46	Double distillation unit						
D	Miscellaneous Equipment						



S. No	Items	Capital Costs (Cost of the Interiors/ Equipment/ Instruments) (In. Rs.)					Total Costs
		State Laboratory	Divisional Laboratory				
		Bhubaneswar	Bhubaneswar	Berhampur	Cuttack	Puri	
	1	2	3	4	5	6	7
	Name of Laboratory						
47	Deep Freezer						
48	Refrigerator						
49	Fuel Gas cylinder or pipe gas supply						
50	Burners						
51	Fire Extinguisher						
52	First aid Kit						
53	Safety Equipment (Goggles, apron, gloves, gas mask)						
54	UPS /Inverter						
55	PC with printer						
56	Telephone						
57	Internet						
58	Motorcycles with sampling kits						
59	Air conditioner						
60	Ice Box						
61	Wash station						
	<b>Total Capital Costs of the Labs</b>						
<b>II</b>	<b>Bidder's quotation towards capital costs (@100% of total capital costs</b>	<<Insert the fee, in numbers as well as words>>					

No of equipments not mentioned. The modular design for "Interior" has not been defined and it is not tallying with Concession Agreement.

Yours sincerely,

Authorized Signature [In full and initials]:

Name and Title of Signatory:

Name of Firm:

Address:

**For PACKAGE-2—Division/City laboratories at i) Balasore ii) Baripada; iii) Rourkela; and iv) Sambalpur.**

Note: Bidder shall be required to provide package wise financial information in the given format.

The financial quotation of the bidder towards capital cost shall be 100% of the total capital project quoted by bidder in table given below.

S. No	Items	Capital Costs (Cost of the Interiors/ Equipment/ Instruments) (In. Rs. Lakhs)					
		Divisional Laboratory					Total Costs
		Balasore	Baripada	Rourkela	Sambalpur		
1	2	3	4	5		6	
	<b>Name of Laboratory</b>						
<b>I</b>	<b>Total Capital Costs</b>						
<b>A</b>	<b>Interiors</b>						
	Modular design @ per 10 Sq.m						
<b>B</b>	<b>Instruments</b>						
1	Gas Chromatograph Mass Spectrometer (GCMS)						
2	Atomic Absorption Spectrometer (AAS) with graphite furnace						
3	Gas Liquid Chromatography (GLC)						
4	High Performance Liquid Chromatography (HPLC)						
5	Inductively Coupled Plasma Spectrometer (ICPS)						
6	Scintillation counter						
7	Mercury Analyser						
8	Total Organic Carbon Analyser						
9	Stereoscopic Microscope						
10	Flame Photometer						
11	Spectrophotometer (Visible and Ultraviolet)						

S. No	Items	Capital Costs (Cost of the Interiors/ Equipment/ Instruments) (In. Rs. Lakhs)					
		Divisional Laboratory					Total Costs
		Balasore	Baripada	Rourkela	Sambalpur		
1	2	3	4	5		6	
	<b>Name of Laboratory</b>						
12	Nephloimeter						
13	Mono pan Digital Balance, Chemical						
14	Conductivity Meter						
15	pH Meter						
16	Jar Test Apparatus						
17	Specific Ion Meter						
18	Microscope						
19	PCR						
20	Laminar flow,						
21	Ultrapure water Equipment						
<b>C</b>	<b>Equipment</b>						
22	Microwave/ Oven						
23	Kjeldahl Nitrogen Analyser						
24	Arsine generator						
25	Muffle Furnace						
26	Magnetic Stirrer						
27	Oven						
28	Autoclave						
29	Membrane Filter Assembly						
30	Incubators 370°C and 440°C						
31	Centrifuge ( adjustable rpm)						

S. No	Items	Capital Costs (Cost of the Interiors/ Equipment/ Instruments) (In. Rs. Lakhs)					
		Divisional Laboratory					Total Costs
		Balasore	Baripada	Rourkela	Sambalpur		
1	2	3	4	5		6	
	<b>Name of Laboratory</b>						
32	Colour Comparator and comparator test set for residualCl <sub>2</sub>						
33	Colony Counter						
34	Vacuum Pump						
35	Heating Mantle and Hot Plates						
36	Specific Ion electrodes (F <sup>-</sup> , Cyanide and others)						
37	Fume Cupboard						
38	Physical Balance						
39	Water Bath with 12 Concentric Holes and Discs						
40	Desiccators						
41	Soxhlet Extraction Unit						
42	BOD Incubator						
43	COD reactor						
44	Sieve Shaker with standard sieves						
45	Rotary Shaker						
46	Double distillation unit						
<b>D</b>	<b>Miscellaneous Equipment</b>						
47	Deep Freezer						
48	Refrigerator						
49	Fuel Gas cylinder or pipe gas supply						
50	Burners						

S. No	Items	Capital Costs (Cost of the Interiors/ Equipment/ Instruments) (In. Rs. Lakhs)					
		Divisional Laboratory					Total Costs
		Balasore	Baripada	Rourkela	Sambalpur		
1	2	3	4	5	6		
	<b>Name of Laboratory</b>						
51	Fire Extinguisher						
52	First aid Kit						
53	Safety Equipment (Goggles, apron, gloves, gas mask)						
54	UPS /Inverter						
55	PC with printer						
56	Telephone						
57	Internet						
58	Motorcycles with sampling kits						
59	Air conditioner						
60	Ice Box						
61	Wash station						
	<b>Total Capital Costs of the Labs</b>						
<b>II</b>	<b>Bidder's quotation towards capital costs (@100% of total capital costs</b>	<<Insert the fee, in figures as well as words>>					

Yours sincerely,

AuthorizedSignature [Infullandinitials]:

NameandTitleofSignatory:

NameofFirm:

Address:

### Form FIN 4: Format for Monthly Remuneration

**For PACKAGE-1— State Laboratory at Bhubaneswar and division/city laboratories at i) Berhampur ii) Bhubaneswar iii) Cuttack iv) Puri**

The bidder shall be required to quote their year wise monthly remuneration towards carrying out operations & maintenance costs of running proposed laboratories. **The operation and maintenance cost shall not be less than 25% of capital cost quoted by the bidder otherwise the tender will be declared invalid.**

S.N.	Type of Laboratory	Location	Fixed Quantity (Per annum)*	Monthly Remuneration (In Rs. Lakhs)**										Total Remuneration =( $\Sigma$ monthly remuneration from Y1 to Y10)*12
				Y1	Y2	Y3	Y4	Y5	Y6	Y7	Y8	Y9	Y10	
<b>I</b>	<b>State Laboratory</b>													
1	Bhubaneswar													
<b>II</b>	<b>Divisional Labs</b>													
1	Bhubaneswar													
2	Berhampur													
3	Cuttack													
4	Puri													
	<b>Total</b>													

**Table to be modified to comply fin-2**

\* Annual quantity has been fixed as per RFP, Section 6 - ToR, Table no. 7

\*\* Please note the proposed monthly fee in the first year shall be escalated after every year by 5%.

Yours sincerely,

Authorized Signature [In full and initials]:

Name and Title of Signatory:

Name of Firm:

Address:

**For PACKAGE-2—Division/City laboratories at i) Balasore ii) Baripada; iii) Rourkela; and iv) Sambalpur.**

The bidder shall be required to quote their year wise monthly remuneration towards carrying out operations & maintenance costs of running proposed laboratories. **The operation and maintenance cost shall not be less than 25% of capital cost quoted by the bidder otherwise the tender will be declared invalid.**

S.N.	Type of Laboratory	Location	Fixed Quantity (Per annum)*	Monthly Remuneration (In Rs. Lakhs)**										Total Remuneration =( $\Sigma$ monthly remuneration from Y1 to Y10 )*12
				Y1	Y2	Y3	Y4	Y5	Y6	Y7	Y8	Y9	Y10	
<b>I</b>	<b>Divisional Labs</b>													
1	Balasore													
2	Baripada													
3	Rourkela													
4	Sambalpur													
5	Bhadrak													
	<b>Total</b>													

**Table to be modified to comply fin-2**

\* Annual quantity has been fixed as per RFP, Section 6 - ToR, Table no. 7

\*\* Please note the proposed monthly fee in the first year shall be escalated after every year by 5%.

Yours sincerely,

Authorized Signature [In full and initials]:

Name and Title of Signatory:

Name of Firm:

Address:



### Form FIN 5: Format for Additional Unit Costs

In this Form, bidders are required to quote per unit costs for conducting specific tests as mentioned below. These rates shall be used to compensate the bidder in case there is any variation in no. of tests to be performed by selected laboratory.

Please note: The proposed unit rates to conduct specific test quoted in the first year shall be escalated after every year by 5%.

**For PACKAGE-1— State Laboratory at Bhubaneswar and division/city laboratories at i) Berhampur ii) Bhubaneswar iii) Cuttack iv) Puri**

S. N.	Name of the test	Unit Rates (In Rs.)				
		State Laboratory	Divisional Laboratory			
		Bhubaneswar	Bhubaneswar	Berhampur	Cuttack	Puri
1	Colour ,Odour , pH ,Turbidity, Conductivity					
2	Alkalinity/ Hardness					
3	Residual chlorine/ Chlorine demand					
4	Iron					
5	Chloride					
6	Fluoride					
7	Nitrogen (ammonia)/ Nitrites/ Nitrates					
8	Bacteriological analysis					
9	Total solids, Suspended solids					
10	Metal/ Heavy metals/ Toxicity		NA	NA	NA	NA
11	Virological analysis		NA	NA	NA	NA
12	Biological analysis		NA	NA	NA	NA
13	Waste water analysis viz., BOD, COD, TOC					
14	Additional parameters,					
15	Oil and grease, pesticides		NA	NA	NA	NA
16	Alpha/beta count		NA	NA	NA	NA

**For PACKAGE-2—Division/City laboratories AT i) Balasore ii) Baripada; iii) Rourkela; iv) Sambalpur; and v) Bhadrak.**

S. N.	Name of the test	Unit Rates (In Rs.)				
		Divisional Laboratory				
		Balasore	Baripada	Rourkela	Sambalpur	
1	Colour ,Odour , pH ,Turbidity, Conductivity					
2	Alkalinity/ Hardness					
3	Residual chlorine/ Chlorine demand					
4	Iron					
5	Chloride					
6	Fluoride					
7	Nitrogen (ammonia)/ Nitrites/ Nitrates					
8	Bacteriological analysis					
9	Total solids, Suspended solids					
10	Metal/ Heavy metals/ Toxicity	NA	NA	NA	NA	
11	Virological analysis	NA	NA	NA	NA	
12	Biological analysis	NA	NA	NA	NA	
13	Waste water analysis viz., BOD, COD, TOC					
14	Additional parameters,					
15	Oil and grease, pesticides	NA	NA	NA	NA	
16	Alpha/beta count	NA	NA	NA	NA	

Yours sincerely,

Authorized Signature [In full and initials]:

Name and Title of Signatory:

Name of Firm:

Address:

## **Section 6. Terms of Reference**

The Scope of the Project (the “Scope of the Project”) shall mean and include during the Concession Period:

- a) Planning and designing of the Project Facilities including the Laboratory Facilities at the Project Site comprising of <<Insert the no. of laboratory >> different divisions/locations and thereafter, get it approved from the Design Approval Committee, as per the laid down provisions of this Concession Agreement and Schedules hereof.
- b) Complete the interiors finishing of the Laboratory Facilities.
- c) Order, procure and install the Equipment, furniture and other amenities in the Laboratory Facilities in accordance with the provisions of this Concession Agreement and Schedules hereof.
- d) Operation and Maintenance of the Project in accordance with the provisions of this Concession Agreement and the Schedules hereof.
- e) Demand and collect Service Charges etc, from the PHEO and other Customers availing the services at the Laboratory Facilities, as per the laid down provisions of the Concession Agreement and the Schedules hereof.
- f) Performance and fulfilment of all other obligations of the Concessionaire in accordance with the provisions of this Agreement and matters incidental thereto or necessary for the performance of any or all of the obligations of the Concessionaire under this Agreement.

***In addition to the above-stated Scope of Work, the Concessionaire shall adhere to all the terms & conditions set forth in this Concession Agreement and the Schedules hereof.***