

# **EXPRESSION OF INTEREST**

**FOR**

***“Procurement Of Laboratory Equipment for Soil and Water  
Quality Analysis, Fish Disease Diagnosis and Fish Feed  
Quality Analysis Laboratories”***

**OFFICE OF THE EXECUTIVE ENGINEER, FISHERY ENGINEERING  
DIVISION, CUTTACK**

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EOI No. 3061 Date. 22.07.2024.

**EXPRESSION OF INTEREST  
FOR**

**“Procurement of Laboratory Equipment for Soil and Water Quality Analysis, Fish Disease Diagnosis and Fish Feed Quality Analysis Laboratories”**

Executive Engineer (C), Fishery Engineering Division, Cuttack invites sealed bids from reputed, registered experienced and financially sound Suppliers/ Firms for supply of **Laboratory Equipment for Soil and Water Quality Analysis, Fish Disease Diagnosis and Feed Quality Analysis Laboratories**. Bidders fulfilling the prescribed eligibility criteria of the EOI can access and download the complete EOI Document and other details from <https://odisha.gov.in/state-tenders-advertisement>

The bid calendars under the end-to-end process are:

| Sl. | List of Key Events                        | Critical Dates   |
|-----|---|--|
| 1.  | Date of Issue of Tender Call Notice       | <b>22.07.2024</b>  |
| 2.  | Bid processing Fee (Non-refundable)       | <b>Rs 5000/- + G.S.T 18% = Rs 5900/-</b>   |
| 3.  | Date for Submission of Bid                | <b>26.07.2024 to 07.08.2024 (1:00 PM)<br/>working days only</b>  |
| 4.  | Date of Opening of Technical Bid Document | <b>07.08.2024 (3:00PM)</b>   |
| 5.  | Date of Opening of Financial Bid Document | <b>08.08.2024 (1:00 PM)</b>  |
| 6.  | Bid submission and opening at (Address)   | <b>O/o. The Executive Engineer, Fishery<br/>Engineering Division, Cuttack<br/>Inside the campus of Directorate of AH &amp;<br/>VS, Mangalabag, Cuttack -753001</b> |

The bid has been invited under dual bid system as Technical Bid and Financial Bid. The bid complete in all respects must reach the undersigned by **Speed Post/Registered Post/Drop in the Tender Box at Office of the Executive Engineer, Fishery Engineering Division, Cuttack** only latest by **7<sup>th</sup> August 2024 before 1:00 PM** in a sealed envelope clearly mentioning on the top of it **“Procurement of Laboratory Equipment for Soil and Water Quality Analysis, Fish Disease Diagnosis and Fish Feed Quality Analysis Laboratories”** in which two separate sealed envelope i.e Technical Bid & Financial Bid shall be kept. The Bid processing fee of Rs. 5,900/- (Rupees Five Thousand Nine hundred ) only in shape of Banker's Cheque / DD in favour of **Executive Engineer (C), Directorate of Fisheries, Odisha, Cuttack** drawn in any scheduled commercial bank payable at **Cuttack**. The proposals received beyond the last date and time will be rejected. The authority reserves the right to reject any/ all proposals without assigning any reason thereof.

Sd/-

**Executive Engineer  
Fishery Engineering Division  
Cuttack**

**Seal and Signature of the Bidder**

**Bid Opening Officer**

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**SECTION-I**  
**INSTRUCTIONSTOBIDDERS**

1. The **Executive Engineer (C), Fishery Engineering Division, Cuttack** requires the service of reputed, well established, financially sound and registered Suppliers/ Firms for supply of laboratory equipment.
2. The contract for aforesaid supply will be valid for a period of 01 (One) Year from the date of commencement of contract. The period of the contract may be further extended as per the requirement of the client. The **Executive Engineer (C), Fishery Engineering Division, Cuttack**, however, reserves right to terminate this initial contract at any time after giving 07days' notice.
3. The Successful bidder shall be issued a purchase/ supply order and he has to supply the material within 15 days from the date of issue of such order, unailing.
4. **The various critical dates relating to the above tender are cited as under:**

| Sl. | List of Key Events                        | Critical Dates   |
|-----|---|--|
| 1.  | Date of Issue of Tender Call Notice       | 22.07.2024   |
| 2.  | Bid processing Fee (Non-refundable)       | Rs 5000/- + G.S.T 18% = Rs 5900/-  |
| 3.  | Date for Submission of Bid                | 26.07.2024 to 07.08.2024<br>(1:00 PM) working days only  |
| 4.  | Date of Opening of Technical Bid Document | 07.08.2024 (3:00 PM)   |
| 5.  | Date of Opening of Financial Bid Document | 08.08.2024 (1:00 PM)   |
| 6.  | Bid submission and opening at (Address)   | O/o. The Executive Engineer,<br>Fishery Engineering Division,<br>Cuttack<br>Inside the campus of<br>Directorate of AH & VS,<br>Mangalabag, Cuttack -753001 |

5. The bid has been invited under dual bid system as Technical Bid and Financial Bid. The interested firms are advised to submit a sealed envelope keeping both the Bid i.e. Technical Bid and Financial Bid in two separate sealed envelopes super scribing "**Procurement of Laboratory Equipment for Soil and Water Quality Analysis, Fish Disease Diagnosis and Fish Feed Quality Analysis Laboratories**".
6. Earnest Money Deposit (EMD) of Rs 1,00,000/- (One Lakh) will be deposited (Refundable) in shape of TDR of any Nationalized/Scheduled Bank payable at Cuttack, pledged in favour of **Executive Engineer[C] Directorate of Fisheries, Odisha, Cuttack**. The Earnest Money Deposit of the unsuccessful Bidder will be refunded on application after the tender is finalized.

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7. Mode of Supply: The tenderers should note that they shall quote their price per Unit (Exclusive of GST) for each item to be supplied. However, the **Executive Engineer (C), Fishery Engineering Division, Cuttack** have the authority to place order for purchase of all items or part thereof as per the requirement.
8. The selected Agency shall supply the item(s) directly to the Laboratories under the supervision of the **Executive Engineer (C), Fishery Engineering Division, Cuttack** or any designated officer.
9. Based on the requirement the **Executive Engineer (C), Fishery Engineering Division, Cuttack** shall place supply tender to the L<sub>1</sub> bidder.
10. The bid processing fee of Rs 5000/- + G.S.T 18% = Rs 5900/- (Rs. Five Thousand Nine Hundred) **Only** shall be deposited in shape of Banker's Cheque / DD in favour of **Executive Engineer (C), Directorate of Fisheries Odisha, Cuttack** drawn in any scheduled commercial; bank payable at **Cuttack**.
11. The tender document shall be Downloaded from the website/ duly typed or hand written by ink so as to make it legible and fill in prescribed Tender Papers. There should be no erasing, overwriting etc. If there are any corrections those should be made clearly and duly signed by the tenderer.
12. Rates should be quoted strictly in accordance with the particulars specifications mentioned in the tender paper and while quoting the rate the bidder should mention the specifications and brand of the materials, which He/ She can supply.
13. The rates quoted shall be exclusive of GST. Rate shall be determined for each category of equipment/ chemical etc. separately.
14. If any tenderer requires any clarification on the above terms and conditions, he/she may obtain clarifications personally from the **Executive Engineer (C), Fishery Engineering Division, Cuttack** on any working day during office hours and on that ground no extension of time will be allowed.
15. Bid Validity: The bid shall remain valid for a period not less than 120 days after the date line for submission of tender.
16. **The Executive Engineer (C), Fishery Engineering Division, Cuttack** reserves the right to reject the bid/terminate the EOI without assigning any reason thereof.
17. Joint Venture/Consortium/Sub Contracts are not allowed.
18. The conditional bids shall not be considered and will be out rightly rejected in very first instance.
19. In the event of any dispute arising in respect of the clauses of the agreement the same shall be resolved through negotiation.
20. All disputes shall be under the jurisdiction of the court at the Cuttack.

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21. Dispute Resolution: All the disputes if any arises shall be resolved through negotiation between the parties and in case it is not resolved mutually then the matter shall be referred to the Director of Fisheries, Odisha, Cuttack & his decision in this regard shall be final.
22. In case any bidder withdraws his bid after opening of the bid, then he shall be debarred from participating for one year in any type of tender process in EE, FED, Cuttack. The government guideline if any shall be taken care of accordingly. The EMD of such bidder shall be forfeited also.
23. The EE, FED, Cuttack will not be responsible for postal delay/ any consequences relating to delay in receiving of the Bid/ proposal.
24. The EE, FED, Cuttack will not consider any proposal that arrives after the deadlines as prescribed in the critical dates. Any proposal received after the due date will be outrightly rejected by EE, FED, Cuttack.
25. Payment will be made after successful completion and hand over the materials.
26. The successful bidder has to submit performance security in shape of N.S.C/ kisan Vikas Patra/ Post Office Savings Bank Account/ Post Office Time Deposit Account/ Bank Guarantee of any Nationalized/Scheduled Bank/ e-Bank Guarantee executed on the National e-Governance Services limited (NeSL), from any nationalized bank payable at CUTTACK, duly pledged in favour of the Executive Engineer[c] Directorate of Fisheries Odisha, Cuttack, in a sealed envelope amounting to 10 % of the tender value.
27. The supplier also provides after-sales service and support for 02 years.
28. The Agency shall provide 01-year warranty for the instruments and after lapse of 01 year the Agency should give undertaking that they will provide AMC (Annual Maintenance Contract) for another 03 years on chargeables basis.
29. The selected Firm will supply the list of Equipment/ Chemicals to the Seven Coastal District laboratories of Odisha, as per the supply order from EE, FED, Cuttack.
30. The supplier is responsible for free Installation & Demo in presence of District Fisheries Officer for its proper functioning and obtain a certificate from the District Fisheries Officer, which will be a prerequisite along with invoice for release of payment.
31. The Bid Documents should be prepared as per the checklist provided in the Section- VI, **page No. 33** of the EOI.
32. Penalty will be fixed by the Committee as per OGFR for delay in supplying the Equipment against the Delivery schedule.
33. All the complaints against Warranty services repairs to be attended and resolved within maximum time of 3 to 5 days from the date of receipt of complaint. If not attended penalty will be fixed by the Committee as per OGFR rule & will be deducted from performance security.

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**TECHNICAL BID**  
**SECTION-II**  
**SELECTION CRITERIA**

**Minimum eligibility: Technical requirement**

The bidder should fulfill the following Qualifications to participate in the tender process: Absent of the following documents will be treated as non-responsive.

| <b>SI No</b> | <b>Technical Requirements</b>   | <b>Documents to be attached with the EOI</b>  |
|--------------|---|---|
| 1.           | The Bidder must be registered Supplier/ Company/Dealer  | Valid up to date registration certificate of the firm.  |
| 2.           | The bidder must be registered with GSTIN, PAN   | GSTIN and PAN document<br>Valid up to date GST Return certificate of the firm.  |
| 3.           | The bidder has not been blacklisted/ debarred by any Central /State Government (Central/State Government and Public Sector)           | Must be submitted on original letter head of the bidder with signature and stamp (Annexure-I)   |
| 4.           | Sample of each item   | Must mention brand /company of the product/ sample materials& must have registration certificate (Wherever it applicable.)  |
| 5.           | Bid Processing Fee (Non-Refundable)   | <b>Rs 5000/- + G.S.T 18% = Rs 5900/- (Rs. Five Thousand Nine Hundred) Only</b> in the form of demand draft / BC drawn in favor of " <b>Executive Engineer (C), Fishery Engineering Division, Cuttack</b> " drawn in any Scheduled Commercial Bank payable at <b>Cuttack</b> . |
| 6.           | Average Annual Turnover <b>during last three financial years</b> (from the last published Balance sheets) should be 1.00 Cr and above | Audited Balance sheet / Profit & Loss Account from a registered CA to be attached. Provisional audit certificate will not be considered.  |
| 7.           | The bidder must have similar supply order (s)/ assignments with order value not below Rs. <b>30.00</b> lakhs.                         | Copy of work order/ Purchase order/ Contract mentioning order value.<br>Copy of dealership certificate.   |

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**Method of Selection:**

- Technical bid shall be evaluated as per above mentioned criteria.
- The Technical bid shall be opened on **07.08.2024 (3.00 PM)** at **Office of the Executive Engineer (C), Fishery Engineering Division, Cuttack.**
- The bidder who qualifies in the technical evaluation, their financial proposal shall be opened in the next stage by the Tender Opening Committee in presence of bidders / authorized representatives.
- The firms shall be selected on the basis of L<sub>1</sub> quoted price against each item.
- The sample of each item may be tested in the Laboratory (Chemical) which has been identified by the **Executive Engineer (C), Fishery Engineering Division, Cuttack.**
- Only branded items shall be considered for supply to Laboratories.
- The lowest Quoted rate shall be considered as the base price.
- In case the lowest rate is abnormally low and not feasible to execute the evaluation committee who will ascertain the price basing on the price prevailing in the present market.
- The EE, FED, Cuttack is free to choose the supplier, brand and size as per the requirement of Technical Committee.
- Cost shall be valid for one year which may be raised on the consent of both parties.

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**TECHNICAL BID****SECTION-III****List Of Equipment****1. Soil and Water Analysis Laboratory****A. Instruments/ equipment**

| <b>Sl. No.</b> | <b>Items*</b>                             | <b>Purpose</b>  |
|----------------|---|---|
| 1.             | pH Meter                                  | pH estimation   |
| 2.             | Conductivity Meter                        | EC estimation   |
| 3.             | TDS meter                                 | TDS estimation  |
| 4.             | Dissolved Oxygen Meter                    | DO estimation   |
| 5.             | Kjeldahl Distillation system              | N estimation  |
| 6.             | Spectrophotometer —UV-vis                 | P estimation  |
| 7.             | Water Distillation system                 | Distilled water   |
| 8.             | Mechanical Shaker                         | Sample extraction   |
| 9.             | Hot air oven                              | Sample drying   |
| 10.            | BOD Incubator                             | BOD estimation  |
| 11.            | Pan Top Electronic Balance (minimum 1 mg) | Sample weighing   |
| 12.            | Pan Top Electronic Balance (minimum 1 g)  | Chemical/ reagent weighing  |
| 13.            | Flame Photometer                          | For Na & K estimation   |
| 14.            | Digital Refractometer                     | To measure salinity of water measuring range 0-40 ppt<br>Accuracy – 0.2 ppt<br>Measuring time – 2 to 5 sec. Display – LCD |
| 15.            | Water Testing Kit                         | a) Ammonia<br>B) Alkalinity<br>c) Nitrite<br>d) Nitrate<br>e) H <sub>2</sub> S<br>f) Elisha test                          |

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|-----|-------------------------|--|
| 16. | Soil PH Metre (Digital) | Range – 3 to 10  |
| 17. | Secchi disc             |  |
| 18. | Plankton net            |  |
| 19. | Centrifuge machine      | RPM range – 500 – 5000 RPM<br>Maximum capacity Centrifuge tube 50/<br>15 ml minimum 6 vacuum collection<br>tube each 15 / 5 / 2 ml |
| 20. | Rotavator               | Rotating making seed range – 20-200<br>rpm<br>centrifuge tube – 50 ml/ 15ml/ 2 ml/ 1.5<br>ml                                       |

**\*Tentative Specifications (indicative)**

| Sl. No. | Items              | Tentative Specification  |
|---------|--------------------|--|
| 1.      | pH Meter           | <p><b>Digital pH meter with temperature probe</b></p> <ul style="list-style-type: none"> <li>• Range 0.00 to 14.00 pH</li> <li>• Resolution 0.01 pH</li> <li>• Accuracy <math>\pm 0.01</math> pH</li> <li>• Cal. Points 3/5 points</li> </ul>  |
| 2.      | Conductivity Meter | <p><b>Digital conductivity meter with temperature probe</b></p> <p>Range            ... <math>\mu</math>S to 200.0 mS</p> <p>Resolution    0.01 / 0.1 / 1 <math>\mu</math>S; 0.01 / 0.1 mS</p> <p>Accuracy       <math>\pm 1\%</math> full scale</p> <p>Cal. Points     3/5 points</p> |
| 3.      | TDS meter          | <p><b>Pen TDS meter — Pocket-sized Tester</b></p> <p>TDS Range       0 to 2000 ppm (mg/L)</p> <p>TDS Resolution   1 ppm (mg/L)</p> <p>TDS Accuracy     <math>\pm 2\%</math> F.S.</p> <p>TDS Calibration   Automatic</p>  |

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|    |                              |   |
|----|------------------------------|---|
| 4. | Dissolved Oxygen Meter       | <p style="text-align: center;"><b>Portable Dissolved Oxygen Meter</b></p> <p><b>Measurement Type</b>                      polarographic</p> <p><b>Range</b>                                      0.0 to 19.9 mg/L (ppm)</p> <p><b>Resolution</b>                                0.1 mg/L (ppm)</p> <p><b>Accuracy</b>                                  ±1.5% F.S.</p> <p><b>Calibration</b>                                Manual (1/2 points)</p>  |
| 5. | Kjeldahl Distillation system | <ul style="list-style-type: none"> <li>• 6 place 250 ml capacity</li> <li>• digestion block with attached to scrubber;</li> <li>• digital distillation unit</li> <li>• digital titration unit</li> </ul>  |
| 6. | Spectrophotometer<br>—UV-vis | <ul style="list-style-type: none"> <li>• Wavelength Range: 190 nm to 1100 nm</li> <li>• Spectral Bandwidth: 1 nm or selectable options <ul style="list-style-type: none"> <li>• Wavelength Accuracy: ±0.3 nm</li> <li>• Wavelength Repeatability: ±0.2 nm</li> <li>• Photometric Range: -0.3 to 3.0 Abs</li> </ul> </li> <li>• Photometric Accuracy: ±0.005 Abs at 1 Abs</li> <li>• Photometric Repeatability: ±0.002 Abs at 0.5 Abs</li> <li>• Stray Light: Less than 0.05% T at 220 nm and 340 nm <ul style="list-style-type: none"> <li>• Detector: Silicon Photodiode</li> </ul> </li> <li>• Light Source: Deuterium and Tungsten-Halogen lamps <ul style="list-style-type: none"> <li>• Display: Large graphical LCD or LED display</li> </ul> </li> <li>• Interface: USB, RS-232C, and optional printer connectivity <ul style="list-style-type: none"> <li>• Measurement mode: transmittance, absorbance <ul style="list-style-type: none"> <li>• Display: in-built LED display</li> </ul> </li> </ul> </li> </ul> |
| 7. | Water Distillation system    | <ul style="list-style-type: none"> <li>• On Demand Single Stage Glass Water Distillation Unit <ul style="list-style-type: none"> <li>• Display: LED</li> <li>• Timer: Digital</li> <li>• Capacity Distilled Water Output: 4 LPH</li> </ul> </li> <li>• Minimum Cooling Water Requirement (l/min): 2</li> </ul>  |
| 8. | Mechanical Shaker            | <ul style="list-style-type: none"> <li>• Mounting: Benchtop</li> <li>• Controller: microprocessor,</li> <li>• Digital; Speed range: 80-500 RPM;</li> <li>• Material of Body: MS with power coating; <ul style="list-style-type: none"> <li>• Display: LED</li> </ul> </li> <li>• No. of clamps: minimum 12 Nos.</li> </ul>  |

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|     |   |  |
|-----|---|--|
| 9.  | Hot air oven                              | <ul style="list-style-type: none"> <li>• Capacity: &gt; 28 litres</li> <li>• Power ratings: about 1000 W</li> <li>• Should provide 3 heating elements of 3 sides of equipment to ensure uniform temperature on all shelves <ul style="list-style-type: none"> <li>• Temperature range : Ambient to 250°C <ul style="list-style-type: none"> <li>• Temperature Accuracy: <math>\pm 1^{\circ}\text{C}</math></li> </ul> </li> </ul> </li> <li>• Controller: Microprocessor based PID control <ul style="list-style-type: none"> <li>• Type of Display: LED</li> </ul> </li> <li>• Parameters displayed : Time, Temperature settings and temperature reading <ul style="list-style-type: none"> <li>• Door should have locked facility</li> </ul> </li> </ul> |
| 10. | BOD Incubator                             | <ul style="list-style-type: none"> <li>• Capacity: 150 L</li> <li>• Temperature Range: 0-60°C</li> <li>• Temperature Accuracy: <math>\pm 0.5^{\circ}\text{C}</math></li> <li>• Temperature Fluctuation: <math>\pm 1^{\circ}\text{C}</math></li> <li>• Temperature Resolution <math>\pm 0.5^{\circ}\text{C}</math></li> <li>• Timer Range: 0-999 min <ul style="list-style-type: none"> <li>• Shelves: 2</li> </ul> </li> </ul>   |
| 11. | Pan Top Electronic Balance (minimum 1 mg) | <ul style="list-style-type: none"> <li>• Maximum Capacity &gt;100 g</li> <li>• Readability 0.01 mg/0.00001 g <ul style="list-style-type: none"> <li>• Pan Size ~ 100 mm</li> <li>• Display Type : LED display</li> </ul> </li> <li>• Easy auto internal calibration adjustment</li> </ul>  |
| 12. | Pan Top Electronic Balance (minimum 1 g)  | <ul style="list-style-type: none"> <li>• Maximum Capacity &gt;200 g</li> <li>• Readability 0.1 g <ul style="list-style-type: none"> <li>• Pan Size &gt;150 mm</li> <li>• Display Type : LED display</li> </ul> </li> <li>• Easy auto internal calibration adjustment</li> </ul>  |

|     |                  |   |
|-----|------------------|---|
| 13. | Flame Photometer | <p><b>μ Controller Based Flame photometer with Compressor</b></p> <ul style="list-style-type: none"> <li>• Interference filters: Na, K and Ca             <ul style="list-style-type: none"> <li>• Reproductivity: +-1% F. S.</li> </ul> </li> <li>• Air compressor: With built-in air regulator and air filter             <ul style="list-style-type: none"> <li>• Fuel Gas: LPG</li> </ul> </li> <li>• Aspiration: Single aspiration for Na, K &amp; Ca             <ul style="list-style-type: none"> <li>• Range:                 <ul style="list-style-type: none"> <li>Na: 10 – 100 ppm</li> <li>K: 10 – 100 ppm</li> <li>Ca: 100 – 300 ppm</li> </ul> </li> </ul> </li> </ul> |
|-----|------------------|---|

**B. Glassware (Reputed Brand)**

| Sl. No. | Items             |
|---------|-------------------|
| 1.      | Burettes (50 ml)  |
| 2.      | Glass Pipettes    |
|         | i. 1 mL           |
|         | ii. 2 mL          |
|         | iii. 10 mL        |
|         | iv. 20 mL         |
|         | v. 50 mL          |
| 3.      | Micro pipettes    |
|         | i. 1 mL           |
|         | ii. 5 mL          |
| 4.      | Volumetric Flasks |
|         | i. 25 mL          |
|         | ii. 50 mL         |
|         | iii. 100 mL       |
|         | iv. 250 mL        |
|         | v. 500 mL         |
|         | vi. 1000 mL       |
| 5.      | Reagent Bottles   |
|         | i. 250 mL         |

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|     |                                    |
|-----|------------------------------------|
|     | ii. 500 mL (Transparent)           |
|     | iii. 500 mL (Amber colour)         |
|     | iv. 1000 mL                        |
| 6.  | Beakers                            |
|     | i. 100 mL                          |
|     | ii. 250 mL                         |
|     | iii. 500 mL                        |
|     | iv. 1000 mL                        |
| 7.  | Measuring Cylinders                |
|     | i. 10 mL                           |
|     | ii. 25 mL                          |
|     | iii. 50 mL                         |
|     | iv. 100 mL                         |
|     | v. 500 mL                          |
| 8.  | Conical Flasks                     |
|     | • 125 mL                           |
|     | • 250 mL                           |
| 9.  | Separating funnel (125 mL)         |
| 10. | Glass funnel (different diameters) |
| 11. | Test tube                          |

**C. Plastic ware (Reputed Brand)**

| Sl. No. | Items            |
|---------|------------------|
| 1.      | Aspirator (10 L) |
| 2.      | Plastic Bottles  |
|         | 100 mL           |
|         | 250 mL           |
|         | 500 mL           |
| 3.      | Plastic Trays    |
| 4.      | Wash Bottle      |

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|    |                                      |
|----|--------------------------------------|
| 5. | Burette stand                        |
| 6. | Multiple Pipette Stand               |
| 7. | Plastic funnel (different diameters) |

**D. Chemicals(Reputed Brand)**

| Sl. No. | Items                               |
|---------|-------------------------------------|
| 1.      | Phenolphthalein Indicator (25 g)    |
| 2.      | Methyl Orange Indicator (25 g)      |
| 3.      | Sulphuric Acid (2.5 L)              |
| 4.      | Sodium Carbonate (250 g)            |
| 5.      | Calcium Carbonate (250 g)           |
| 6.      | EDTA (250 g)                        |
| 7.      | Magnesium Chloride (500 g)          |
| 8.      | Eriochrome Black T (25 g)           |
| 9.      | Hydroxylamine Hydrochloride (500 g) |
| 10.     | Ethanol (95%) (1 L)                 |
| 11.     | Ammonium Chloride ( 500 g)          |
| 12.     | Ammonium Hydroxide (500 mL )        |
| 13.     | Manganeous Sulphate ( 500 g)        |
| 14.     | Sodium Hydroxide ( 500 g)           |
| 15.     | Potassium Iodide ( 250 g)           |
| 16.     | Sodium Azide( 250 g)                |
| 17.     | Starch Powder ( 500 g)              |
| 18.     | Potassium Dichromate ( 500 g)       |
| 19.     | Sodium Thiosulphate ( 500 g)        |
| 20.     | Formaldehyde (500 mL )              |
| 21.     | Chloroform (250 mL )                |
| 22.     | Devarda's Alloy ( 25 g)             |
| 23.     | Magnesium Oxide ( 1000 g)           |
| 24.     | Sodium Nitriprusside( 25 g)         |
| 25.     | Tri-sodium Citrate ( 250 g)         |

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|     |  |
|-----|--|
| 26. | Sodium Hypochlorite (100 mL )            |
| 27. | Ammonium Sulphate ( 250 g)               |
| 28. | Sulphanilamide( 250 g)                   |
| 29. | Hydrochloric Acid (2.5 L )               |
| 30. | NNED-dihydrochloride ( 25 g)             |
| 31. | Sodium Nitrite ( 250 g)                  |
| 32. | Phenol ( 500 g)                          |
| 33. | Copper Sulphate ( 250 g)                 |
| 34. | Hydrazine Sulphate ( 250 g)              |
| 35. | Acetone (500 mL )                        |
| 36. | Potassium Nitrate ( 250 g)               |
| 37. | Ammonium Molybdate ( 250 g)              |
| 38. | Stannous Chloride ( 250 g)               |
| 39. | Potassium Di-hydrogen Phosphate ( 250 g) |
| 40. | Sodium Oxalate ( 250 g)                  |
| 41. | Potassium Dichromate ( 500 g)            |
| 42. | Ferrous Ammonium Sulphate ( 500 g)       |
| 43. | Diphenylamine Indicator ( 25 g)          |
| 44. | Ortho-Phosphoric Acid (2.5 L )           |
| 45. | Potassium Permanganate ( 250 g)          |
| 46. | Methyl Red Indicator ( 25 g)             |

## 2. Fish Disease Diagnosis Laboratory

Instruments (Reputed Brand) and parameters to be analyzed: Details are summarized as follows:

| Name of the Equipment               | Quantity | Purpose  |
|-------------------------------------|----------|--|
| <b>A. Microbiology related work</b> |          |  |
| Laminar airflow Unit                | One      | For routine bacteriology work  |
| Bright field microscope             | One      | To observe bacterial colony morphology/shape                               |
| Stereo zoom Microscope              | One      | To observe parasites, tissue abnormalities                                 |
| Autoclave (Digital)                 | One      | For routine sterilization of bacteriological media and other plastic wares |
| Bench top Centrifuge                | One      | For regular use  |

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|   |            |  |
|---|------------|--|
| BOD incubator (with shaker)   | One        | For optimal growth of bacteria/bacteriology related work                           |
| Hot Air Oven (digital)  | One        | For glassware sterilization which will be used for bacteriology work               |
| <b>B. PCR/Molecular biology related work</b>  |            |  |
| PCR workstation / or Laminar Flow Unit (Horizontal)                                   | One        | For PCR master mix preparations  |
| Cooling centrifuge  | One        | For molecular biology related work   |
| Milli Q unit  | One        | Molecular biology works  |
| pH Meter  | One        | To measure the pH of buffers to be used for molecular related work                 |
| PCR (Thermal Cycler)  | One        | For species level identification of bacteria/parasite or gene level investigation  |
| Nano-drop/ UV-Spectrophotometer   | One        | For quantification of extracted DNA/RNA as well as purity check                    |
| Gel documentation system  | One        | For visualization of PCR band or amplification; storage of gel picture             |
| Horizontal gel electrophoresis unit with Power pack                                   | One        | To run the agarose gel with buffer   |
| Micropipettes<br>(Ranges from 1-10 µl; 10-100 µl; 20-200 µl; 100-1000 µl)             | Two sets   | To measure the buffers/chemicals/samples   |
| Electronic Balance (digital)  | One        | For routine measurement  |
| Laboratory freezer  | one        | For routine use; storage of chemicals/buffers/samples/plates/bacteriological media |
| Water bath  | One        | For general purpose  |
| Deep Freezer- 20oC  | One        | For storage of samples/chemicals related to molecular biology                      |
| Minor equipment like-: Vortex mixture, Spin-win, Magnetic stirrer with hot plate etc. | One (each) | To carry out the routine laboratory work   |

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**3. Fish Feed Testing Laboratory**  
**List of the Equipment's: (Reputed Brand)**

| Sl. No. | Instruments        | Specifications   |
|---------|--------------------|--|
| 1.      | Nitrogen analyzer  | 6 place 250ml capacity digestion block with attached to scrubber; digital distillation unit; digital titration unit        |
| 2.      | Soxhlet apparatus  | Capacity: 6 samples/batch; measuring range: 0.1 to 100% fat  |
| 4.      | Electronic balance | Capacity: 100-200g; minimum display: 5-10 mg; readability: 0.1 mg; response time: 2-3 sec                                  |
| 5.      | Desiccator         | Material: Borosilicate glass; colour: clear; ID Ground Flange: 100-200mm; Quality grade: type 1;                           |
| 6.      | Muffle Furnace     | Maximum temperature: up to 12000C; Chamber volume: 5-8 liters;   |
| 7.      | Hot Air oven       | Capacity: 200-300L; Material: stainless steel; Number of shelves: 4; temperature range: 30-2500C;<br>Display type: digital |
| 8.      | Grinder            | Motor: 750-1000 watt   |

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**SECTION-IV**  
**Technical Bid**  
**APPLICATION FORM**

- i. Name of the Firm:
- ii. Details of Cost of Bid processing DD/BC No.    Date    of Rs.  
Drawn on Bank.
- iii. Full Address of Registered Office:

\_\_\_\_\_

\_\_\_\_\_

- iv. Telephone No.:                      Fax No.:
- v. E-Mail Address:
- vi. Full Address of Operating / Branch Office:

\_\_\_\_\_

\_\_\_\_\_

- vii. Telephone No.:                      Fax No.:
- viii. E-Mail Address:
- ix. PAN (Attach self-attested copy):
- x. Aadhar (Attach self-attested copy):
- xi. GST Registration No. (Attach Self attested copy):
- xii. Dealership certificate /Retailer certificate (Attach self-attested copy):
- xiii. Additional information, if any

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**Bid Opening Officer**

## Financial Bid

### A. Water Quality Analysis Laboratory 1. Equipment (Reputed Brand)

| Sl. No. | Items*                                    | Purpose                    | Unit | Brand | Rate | AMC CHARGE (Per Annum) |
|---------|---|----------------------------|------|-------|------|------------------------|
| 1       | pH Meter                                  | pH estimation              | 01   |       |      |                        |
| 2       | Conductivity Meter                        | EC estimation              | 01   |       |      |                        |
| 3       | TDS meter                                 | TDS estimation             | 01   |       |      |                        |
| 4       | Dissolved Oxygen Meter                    | DO estimation              | 01   |       |      |                        |
| 5       | Kjeldahl Distillation system              | N estimation               | 01   |       |      |                        |
| 6       | Spectrophotometer —UV-vis                 | P estimation               | 01   |       |      |                        |
| 7       | Water Distillation system                 | Distilled water            | 01   |       |      |                        |
| 8       | Mechanical Shaker                         | Sample extraction          | 01   |       |      |                        |
| 9       | Hot air oven                              | Sample drying              | 01   |       |      |                        |
| 10      | BOD Incubator                             | BOD estimation             | 01   |       |      |                        |
| 11      | Pan Top Electronic Balance (minimum 1 mg) | Sample weighing            | 01   |       |      |                        |
| 12      | Pan Top Electronic Balance (minimum 1 g)  | Chemical/ reagent weighing | 01   |       |      |                        |
| 13      | Flame Photometer                          | For Na & K estimation      | 01   |       |      |                        |
| 14      | Digital Refracto                          | To                         | 01   |       |      |                        |

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|    |                                |  |    |  |  |  |
|----|--------------------------------|--|----|--|--|--|
|    | <b>meter</b>                   | measures salinity of water<br>measuring range 0-40<br>1 Pc<br>Accuracy – 0.2 ft<br>Measuring time – 2 to 5 sec.<br>Display – LBD |    |  |  |  |
| 15 | <b>Water Testing Kit</b>       | a) Ammonia<br>B) Alkalinity<br>c)Nitrite<br><br>d)Nitrate<br>e) H2S<br>f) Elisha text  | 01 |  |  |  |
| 16 | <b>Soil PH Metre (Digital)</b> | Range – 3 to 10  | 01 |  |  |  |
| 17 | <b>Secchi disc</b>             |  | 01 |  |  |  |
| 18 | <b>Plankton net</b>            |  | 01 |  |  |  |
| 19 | <b>Centrifuge machine</b>      | RPM range – 500 – 5000 RPM<br>Maximum  | 01 |  |  |  |

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|    |           |   |    |  |  |  |
|----|-----------|---|----|--|--|--|
|    |           | capacity<br>Centrifuge<br>tube 50/<br>15 ml<br>minimum<br>6 vaccum<br>collection<br>tube each<br>15 / 5 / 2<br>ml |    |  |  |  |
| 20 | Rotavator | Rotating<br>making<br>seed range<br>– 20-200<br>rpm<br>centrifuge<br>tube – 50<br>ml/ 15ml/<br>2 ml/ 1.5<br>ml    | 01 |  |  |  |

## 2. Glassware (Reputed Brand)

| Sl. No. | Items            | Unit | Brand | Rate |
|---------|------------------|------|-------|------|
| 21      | Burettes (50 ml) | 01   |       |      |
| 22      | Glass Pipettes   |      |       |      |
|         | vi. 1 mL         | 01   |       |      |
|         | vii. 2 mL        | 01   |       |      |
|         | viii. 10 mL      | 01   |       |      |
|         | ix. 20 mL        | 01   |       |      |
|         | x. 50 mL         | 01   |       |      |

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|    |                                  |    |  |  |
|----|----------------------------------|----|--|--|
| 23 | <b>Micro pipettes</b>            |    |  |  |
|    | iii. 1 mL                        | 01 |  |  |
|    | iv. 5 mL                         | 01 |  |  |
| 24 | <b>Volumetric Flasks</b>         |    |  |  |
|    | vii. 25 mL                       | 01 |  |  |
|    | viii. 50 mL                      | 01 |  |  |
|    | ix. 100 mL                       | 01 |  |  |
|    | x. 250 mL                        | 01 |  |  |
|    | xi. 500 mL                       | 01 |  |  |
|    | xii. 1000 mL                     | 01 |  |  |
| 25 | <b>Reagent Bottles</b>           |    |  |  |
|    | v. 250 mL                        | 01 |  |  |
|    | vi. 500 mL<br>(Transparent)      | 01 |  |  |
|    | vii. 500 mL<br>(Amber<br>colour) | 01 |  |  |
|    | viii. 1000 mL                    | 01 |  |  |
| 26 | <b>Beakers</b>                   |    |  |  |
|    | v. 100 mL                        | 01 |  |  |
|    | vi. 250 mL                       | 01 |  |  |
|    | vii. 500 mL                      | 01 |  |  |
|    | viii. 1000 mL                    | 01 |  |  |
| 27 | <b>Measuring Cylinders</b>       |    |  |  |
|    | vi. 10 mL                        | 01 |  |  |
|    | vii. 25 mL                       | 01 |  |  |
|    | viii. 50 mL                      | 01 |  |  |

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|    |   |    |  |  |
|----|---|----|--|--|
|    | ix. 100 mL                                    | 01 |  |  |
|    | x. 500 mL                                     | 01 |  |  |
| 28 | <b>Conical Flasks</b>                         |    |  |  |
|    | • 125 mL                                      | 01 |  |  |
|    | • 250 mL                                      | 01 |  |  |
| 29 | <b>Separating funnel<br/>(125 mL)</b>         | 01 |  |  |
| 30 | <b>Glass funnel<br/>(different diameters)</b> | 01 |  |  |
| 31 | <b>Test tube</b>                              | 01 |  |  |

### 3. Plastic ware (Reputed Brand)

| Sl. No. | Items   | Unit | Brand | Rate |
|---------|---|------|-------|------|
| 32      | <b>Aspirator (10 L)</b>                             | 01   |       |      |
| 33      | <b>Plastic Bottles</b>                              |      |       |      |
|         | 100 mL  | 01   |       |      |
|         | 250 mL  | 01   |       |      |
|         | 500 mL  | 01   |       |      |
| 34      | <b>Plastic Trays</b>                                | 01   |       |      |
| 35      | <b>Wash Bottle</b>                                  | 01   |       |      |
| 36      | <b>Burette stand</b>                                | 01   |       |      |
| 37      | <b>Multiple Pipette<br/>Stand</b>                   | 01   |       |      |
| 38      | <b>Plastic funnel<br/>(different<br/>diameters)</b> | 01   |       |      |

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## 4. Chemicals (Reputed Brand)

| Sl. No. | Items                       | Unit       | Brand | Rate |
|---------|-----------------------------|------------|-------|------|
| 39      | Phenolphthalein Indicator   | 1 x 25 g   |       |      |
| 40      | Methyl Orange Indicator     | 1 x 25 g   |       |      |
| 41      | Sulphuric Acid              | 1 x 2.5 L  |       |      |
| 42      | Sodium Carbonate            | 1 x 250 g  |       |      |
| 43      | Calcium Carbonate           | 1 x 250 g  |       |      |
| 44      | EDTA                        | 1 x 250 g  |       |      |
| 45      | Magnesium Chloride          | 1 x 500 g  |       |      |
| 46      | Eriochrome Black T          | 1 x 25 g   |       |      |
| 47      | Hydroxylamine Hydrochloride | 1 x 500 g  |       |      |
| 48      | Ethanol (95%)               | 1 x 1 L    |       |      |
| 49      | Ammonium Chloride           | 1 x 500 g  |       |      |
| 50      | Ammonium Hydroxide          | 1 x 500 mL |       |      |
| 51      | Manganeous Sulphate         | 1 x 500 g  |       |      |
| 52      | Sodium Hydroxide            | 1 x 500 g  |       |      |
| 53      | Potassium Iodide            | 1 x 250 g  |       |      |

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|    |                             |                   |  |  |
|----|-----------------------------|-------------------|--|--|
| 54 | <b>Sodium Azide</b>         | <b>1 x 250 g</b>  |  |  |
| 55 | <b>Starch Powder</b>        | <b>1 x 500 g</b>  |  |  |
| 56 | <b>Potassium Dichromate</b> | <b>1 x 500 g</b>  |  |  |
| 57 | <b>Sodium Thiosulphate</b>  | <b>1 x 500 g</b>  |  |  |
| 58 | <b>Formaldehyde</b>         | <b>1 x 500 mL</b> |  |  |
| 59 | <b>Chloroform</b>           | <b>1 x 250 mL</b> |  |  |
| 60 | <b>Devarda's Alloy</b>      | <b>1 x 25 g</b>   |  |  |
| 61 | <b>Magnesium Oxide</b>      | <b>1 x 1000 g</b> |  |  |
| 62 | <b>Sodium Nitriprusside</b> | <b>1 x 25 g</b>   |  |  |
| 63 | <b>Tri-sodium Citrate</b>   | <b>1 x 250 g</b>  |  |  |
| 64 | <b>Sodium Hypochlorite</b>  | <b>1 x 100 ml</b> |  |  |
| 65 | <b>Ammonium Sulphate</b>    | <b>1 x 250 g</b>  |  |  |
| 66 | <b>Sulphanilamide</b>       | <b>1 x 250 g</b>  |  |  |
| 67 | <b>Hydrochloric Acid</b>    | <b>1 x 2.5 L</b>  |  |  |
| 68 | <b>NNED-dihydrochloride</b> | <b>1 x 25 g</b>   |  |  |
| 69 | <b>Sodium Nitrite</b>       | <b>1 x 250 g</b>  |  |  |
| 70 | <b>Phenol</b>               | <b>1 x 500 g</b>  |  |  |
| 71 | <b>Copper Sulphate</b>      | <b>1 x 250 g</b>  |  |  |
| 72 | <b>Hydrazine Sulphate</b>   | <b>1 x 250 g</b>  |  |  |

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|    |                                 |            |  |  |
|----|---------------------------------|------------|--|--|
| 73 | Acetone                         | 1 x 500 ml |  |  |
| 74 | Potassium Nitrate               | 1 x 250 g  |  |  |
| 75 | Ammonium Molybdate              | 1 x 250 g  |  |  |
| 76 | Stannous Chloride               | 1 x 250 g  |  |  |
| 77 | Potassium Di-hydrogen Phosphate | 1 x 250 g  |  |  |
| 78 | Sodium Oxalate                  | 1 x 250 g  |  |  |
| 79 | Potassium Dichromate            | 1 x 500 g  |  |  |
| 80 | Ferrous Ammonium Sulphate       | 1 x 500 g  |  |  |
| 81 | Diphenylamine Indicator         | 1 x 25 g   |  |  |
| 82 | Ortho-Phosphoric Acid           | 1 x 2.5 L  |  |  |
| 83 | Potassium Permanganate          | 1 x 250 g  |  |  |
| 84 | Methyl Red Indicator            | 1x 25 g    |  |  |

### B. Fish Disease Diagnosis Laboratory

Instruments (Reputed Brand) and parameters to be analyzed: Details are summarized as follows:

| Sl. No. | Name of the Equipment | Quantity | Brand | Rate | AMC CHARGE<br>(Per Annum) |
|---------|-----------------------|----------|-------|------|---------------------------|
| 85      | Laminar airflow Unit  | 1        |       |      |                           |

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|     |   |       |  |  |  |
|-----|---|-------|--|--|--|
| 86  | Bright field microscope                             | 1     |  |  |  |
| 87  | Stereo zoom Microscope                              | 1     |  |  |  |
| 88  | Autoclave (Digital)                                 | 1     |  |  |  |
| 89  | Bench top Centrifuge                                | 1     |  |  |  |
| 90  | BOD incubator (with shaker)                         | 1     |  |  |  |
| 91  | Hot Air Oven (digital)                              | 1     |  |  |  |
| 92  | PCR workstation / or Laminar Flow Unit (Horizontal) | 1     |  |  |  |
| 93  | Cooling centrifuge                                  | 1     |  |  |  |
| 94  | Milli Q unit  | 1     |  |  |  |
| 95  | pH Meter  | 1     |  |  |  |
| 96  | PCR (Thermal Cycler)                                | 1     |  |  |  |
| 97  | Nano-drop/ UV-Spectrophotometer                     | 1     |  |  |  |
| 98  | Gel documentation system                            | 1     |  |  |  |
| 99  | Horizontal gel electrophoresis unit with Power pack | 1     |  |  |  |
| 100 | Micropipettes (Ranges from 1-10 µl; 10-100)         | 2 Set |  |  |  |

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|            |  |                 |  |  |  |
|------------|--|-----------------|--|--|--|
|            | <b>µl;20-200<br/>µl;100-1000 µl)</b>   |                 |  |  |  |
| <b>101</b> | <b>Electronic Balance (digital)</b>  | <b>1</b>        |  |  |  |
| <b>102</b> | <b>Laboratory freezer</b>  | <b>1</b>        |  |  |  |
| <b>103</b> | <b>Water bath</b>  | <b>1</b>        |  |  |  |
| <b>104</b> | <b>Deep Freezer-20oC</b>   | <b>1</b>        |  |  |  |
| <b>105</b> | <b>Minor equipment like-: Vortex mixture, Spin-win, Magnetic stirrer with hot plate etc.</b> | <b>1 (each)</b> |  |  |  |

### C. Fish Feed Testing Laboratory

| <b>Sl. No.</b> | <b>Instruments</b>        | <b>Specifications</b>   | <b>Brand</b> | <b>Rate</b> | <b>AMC CHARGE (Per Annum)</b> |
|----------------|---------------------------|---|--------------|-------------|-------------------------------|
| <b>106</b>     | <b>Nitrogen analyzer</b>  | 6 place 250ml capacity digestion block with attached to scrubber; digital distillation unit; digital titration unit |              |             |                               |
| <b>107</b>     | <b>Soxhlet apparatus</b>  | Capacity: 6 samples/batch; measuring range: 0.1 to 100% fat   |              |             |                               |
| <b>108</b>     | <b>Electronic balance</b> | Capacity: 100-200g; minimum display: 5-10 mg; readability: 0.1 mg; response time: 2-3 sec                           |              |             |                               |
| <b>109</b>     | <b>Desiccator</b>         | Material: Borosilicate glass; colour: clear; ID Ground Flange: 100-200mm; Quality grade: type 1;                    |              |             |                               |

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|                   |                                  |   |  |  |  |
|-------------------|----------------------------------|---|--|--|--|
| <p><b>110</b></p> | <p><b>Muffle<br/>Furnace</b></p> | <p>Maximum<br/>temperature: up to<br/>12000C; Chamber<br/>volume: 5-8 liters;</p>   |  |  |  |
| <p><b>111</b></p> | <p><b>Hot Air<br/>oven</b></p>   | <p>Capacity: 200-300L;<br/>Material: stainless<br/>steel; Number of<br/>shelves: 4;<br/>temperature range:<br/>30-2500C;<br/><br/>Display type: digital</p> |  |  |  |
| <p><b>112</b></p> | <p><b>Grinder</b></p>            | <p>Motor: 750-1000 watt</p>   |  |  |  |

**DECLARATION**

I, Shri/ Smt. \_\_\_\_\_ Son/Daughter/Wife of Shri. \_\_\_\_\_, Proprietor/ Director of \_\_\_\_\_, Competent to sign this declaration and execute this EOI Document; I have carefully read and understood all the terms and conditions of the EOI and undertake to abide by them. The information / documents furnished along with the EOI application are true and authentic to the best of my knowledge and belief. I / we, am / are well aware of the fact that furnishing of any false information / fabricated document would lead to rejection of my/ our tender at any stage besides liabilities towards prosecution under appropriate law.

**Signature of the Bidder/Authorized Representative****Name:****Date:****Seal:****Seal and Signature of the Bidder****Bid Opening Officer**

**SECTION- V**  
**COVERING LETTER**

To,

**The Executive Engineer,  
Fishery Engineering Division, Cuttack.**

Dear Sir,

**Sub: *Procurement of Laboratory Equipment for Soil and Water Quality Analysis, Fish Disease Diagnosis and Fish Feed Quality Analysis Laboratories.***

Having examined the EOI documents, the receipt of which is hereby duly acknowledged, we, the undersigned, offer to provide the services as required and outlined in the EOI.

To meet such requirements and to provide services as set out in the EOI document, we attach hereto our response as required by the EOI document, which constitutes our proposal.

We undertake, if our proposal is accepted, to adhere to the terms and conditions put forward in the EOI or any such adjustments as may subsequently be mutually agreed.

We agree for unconditional acceptance of all the terms and conditions set out in the EOI document and promise to provide the items to the Laboratory as per their requirement.

We confirm that the information contained in this proposal or any part thereof, including its exhibits, schedules and other documents and instruments delivered is true, accurate and complete.

It is hereby confirmed that I/we are entitled to act on behalf of our corporation/company/firm/organization and empowered to sign this document as well as such other documents, which may be required in this connection.

Dated this Day of 2024

(Signature)

(In the capacity of) duly authorized to sign the bid response for and behalf of: (Name and Address of Company)

(Seal/Stamp of bidder)

**Seal and Signature of the Bidder**

**Bid Opening Officer**

**SECTION- VI**  
**BID SUBMISSION CHECKLIST**

| Sl. No.                         | Description  | Submitted (Yes/No) | Page No. |
|---------------------------------|--|--------------------|----------|
| <b>TECHNICAL BID (ORIGINAL)</b> |  |                    |          |
| 1                               | Covering Letter in Bidders Letter Head   |                    |          |
| 2                               | Duly Filled in application as per the prescribed format in the EOI document.                         |                    |          |
| 3                               | Bid Processing Fee   |                    |          |
| 4                               | Copy of Incorporation / Registration Certificate of the Bidder                                       |                    |          |
| 5                               | Copy of PAN  |                    |          |
| 6                               | Copy of GSTIN  |                    |          |
| 7                               | Audited Balance sheet / Profit & Loss Account from a registered CA                                   |                    |          |
| 8                               | Annexure-I (Declaration of not being blacklisted)  |                    |          |
| 9                               | Copy of work order/ Purchase order/ Contract mentioning order value/ Copy of dealership certificate. |                    |          |

| Sl. No.                         | Description                                  | Submitted (Yes/No) | Page No. |
|---------------------------------|--|--------------------|----------|
| <b>FINANCIAL BID (ORIGINAL)</b> |  |                    |          |
| 1                               | Covering Letter in Bidders Letter Head       |                    |          |
| 2                               | Quoted Rate list as per Financial Bid Format |                    |          |
| 3                               | E.M.D.                                       |                    |          |

Seal and Signature of the Bidder

Bid Opening Officer

Annexure-1  
(In Company Letter Head)  
UNDERTAKING

I, hereby undertake that, our organization has not been blacklisted / debarred by any of the Central / State Government Department/ Office or by any Public Sector Undertaking (PSUs) and not blacklisted by any authority during the recent past.

Yours sincerely,

***Authorized Signature [In full and initials]***

**Name and Designation of the Signatory:**

**Name of the Bidder and Address:**

**Seal and Signature of the Bidder**

**Bid Opening Officer**