

224

**OFFICE OF THE CHIEF EXECUTIVE  
CHILIKA DEVELOPMENT AUTHORITY  
PLOT NO- 493(P), PALASPALI, KHURDA,  
BHUBANESWAR-751020**

**TENDER CALL NOTICE**

No. 19 Dated: **05.01.2026**

Chilika Development Authority invites sealed tender in the following format and in acceptance of following terms from registered Manufacturer/Suppliers/Authorized Dealers to submit their most competitive bid for instruments to be used at WRTC laboratory, Barkul Balugaon.

**1. Detail Specification:**

Sl No.	Name and specification of the items	Required quantity	Unit price	Total Price for required quantity	GST rate and other taxes	Final price including all taxes and transportation charges etc. to Barkul Balugaon-PIN 752030
1	<b>Conductivity meter with sensor</b> Type: Bench top The meters should be capable of measuring conductivity, TDS, salinity, resistivity and temperature in °C or °F TDS range: 0 to 200ppt Resolution (µS/cm) 0.001 Measurable Conductivity range: Auto ranging Measuring Range for conductivity: 0 to 3000 mS/cm Type of Temperature Compensation: Automatic Accuracy (in +/- %) 0.5 Salinity measurement: Type: Practical salinity or natural sea water Range: 0.01 to 42.00 ppt practical salinity Data log: Min. 2000 point Minimum: IP54 rated dust and splash resistant housing Conductivity standard solutions must be provided along with the equipment setup	2 no.				
2	<b>Tucsen Michrome 6 camera with imaging software</b> for installation in existing Nikon Stereo zoom microscope (Model C-LEDS). Total price must include Service charges, transportation, and installation in existing machine to make the equipment functional. Interested bidders may visit the WRTC to physically inspect the machine at any working day with prior information	1 no.				
3	<b>Shallow Water Multi-Parameter Water Quality Probe</b> a. Measured Parameters: pH, DO, EC, Salinity, Turbidity, Temp, Chl-a, COD, BOD, TOC, POC.	1 no.				



	<ul style="list-style-type: none"> <li>b. <b>Accuracy:</b> High precision (e.g., pH <math>\pm 0.1</math>, DO <math>\pm 0.1</math>–<math>0.2</math> mg/L).</li> <li>c. <b>Depth Rating:</b> 0–10 meters; ideal for estuarine and shallow water.</li> <li>d. <b>Material:</b> PVC/Titanium/316 SS; IP68 waterproof.</li> <li>e. <b>Power:</b> 60-day battery life, external 5–12V DC input.</li> <li>f. <b>Data Logging:</b> 1 GB storage, programmable logging intervals.</li> <li>g. <b>Connectivity:</b> USB, RS-232/485, Modbus RTU, SDI-12, Bluetooth/Wi-Fi optional.</li> <li>h. <b>Calibration:</b> Auto 1-3, point calibration, optional self-cleaning wiper.</li> <li>i. <b>Additional Features:</b> GPS integration, telemetry, handheld display.</li> <li>j. <b>Use Cases:</b> Estuaries, rivers, lakes, aquaculture, and shallow coastal zones.</li> </ul>					
4	<p><b>Echo Sounder</b></p> <ul style="list-style-type: none"> <li>a. <b>Type:</b> High-res. single/multi-beam; IHO compliant.</li> <li>b. <b>Frequency:</b> Dual (24–33 kHz and 180–210 kHz), adjustable power (500W–1.5kW).</li> <li>c. <b>Depth Range:</b> 0.1 to <math>\geq 200</math> m; <math>\pm 0.05</math> m accuracy.</li> <li>d. <b>Ping Rate:</b> Up to 20 Hz; detects hard/soft seabed.</li> <li>e. <b>Display/Storage:</b> Sunlight-readable LCD, 16GB+SD/USB storage.</li> <li>f. <b>Data Output:</b> NMEA 0183/2000, RS232, Ethernet; formats like XYZ, ASCII.</li> <li>g. <b>Integration:</b> Compatible with GNSS/RTK systems.</li> <li>h. <b>Power Supply:</b> 12/24V DC or AC 110–240V; IP67 rated.</li> <li>i. <b>Add-ons:</b> Heave compensation, dual transducers, side-scan sonar.</li> <li>j. <b>Accessories:</b> Transducer, cables, mounting kit, manual, software</li> </ul>	1 no.				
5	<p><b>ADCP (Acoustic Doppler Current Profiler)/ Current meter</b></p> <ul style="list-style-type: none"> <li>a. <b>Application:</b> Coastal/estuarine current and wave profiling.</li> <li>b. <b>Frequency:</b> 300–600 kHz; profiling ranges up to 100 m.</li> <li>c. <b>Velocity Accuracy:</b> <math>\pm 0.5\%</math> or <math>\pm 0.5</math> cm/s; adjustable cell size.</li> <li>d. <b>Ping Rate:</b> Up to 10 Hz; 3 or 4-beam configuration.</li> <li>e. <b>Power/Battery:</b> 60+ days with lithium or alkaline batteries; solar option.</li> <li>f. <b>Data Logging:</b> <math>\geq 16</math> GB, real-time output via RS232/485 or Ethernet.</li> <li>g. <b>Sensors:</b> Pressure, temperature, tilt,</li> </ul>	1 no.				



	compass, & GPS. h. <b>Housing:</b> Titanium/Aluminium; depth rating 50–100 m; <20 kg. i. <b>Telemetry:</b> GSM, satellite, Bluetooth, Wi-Fi. j. <b>Accessories:</b> Mounting frame, cables, software, manuals, training					
6	<b>DGPS/GNSS System/RTK Profiler</b> a. <b>Satellite Support:</b> Tracks GPS, GLONASS, Galileo, BeiDou, QZSS, NavIC (IRNSS). b. <b>Accuracy:</b> • DGPS: H $\pm 0.3$ mm +1 ppm, V $\pm 0.6$ mm +1 ppm. • RTK: H $\pm 10$ mm + 0.5 ppm, V $\pm 20$ mm + 0.5 ppm. c. <b>Antenna:</b> Multi-frequency, Pro-Point GNSS enabled, Bluetooth-linked. d. <b>Controller:</b> • Android 12+, 6GB RAM, 128GB storage. • Octa-core, 50 MP rear camera, IP68 rating. e. <b>Field Software:</b> • RTK, Static, PPK modes; COGO, maps, area calculation. • Supports DXF, KML, CSV, TIFF, JPEG. f. <b>Positioning Rate:</b> 10 Hz update rate. g. <b>Battery:</b> Power bank compatible, <2.5W consumption, 5–7 hr runtime. h. <b>Durability:</b> -20°C to +60°C operational temp; shockproof to 1 m. i. <b>Weight:</b> Antenna $\approx 400$ g; controller $\approx 200$ g. j. <b>Accessories:</b> Pole, power banks, data app, RTX pack, mount bracket.	1 no.				

## 2. Terms and condition

- The firm/company must enclose certification of authorization from manufacturer stating that they are authorised dealer to supply the items quoted by them.
- EMD required @ 3% of the quoted value. The Tenders received without EMD shall not be considered for evaluation and shall be rejected and late quotations will not be considered. The EMD should be in form of Bank Guarantee (as per Annexure C) given along with tender call document. EMD can also be paid in form of demand draft in favour of Chief Executive Chilika Development Authority payable at Bhubaneswar. The EMD of un-successful bidders will be returned after award of contract. The bid security must be valid for at least 45 days from the date of opening of tender.
- Bidders may quote any/all of the items mentioned in Table. The quoted price can be for all/any of the items mentioned in Table.
- GST and other levies such as custom duties payable by the supplier under the contract shall be included in the total price and shall be shown separately.
- The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
- The prices shall be quoted in Indian Rupees only.



3. Each authorised supplier shall submit only one sealed tender. The Tender shall remain valid for a period of 60 days.

4. Ordering and Supply of material - The materials should be supplied and installed at Wetland Research and Training Center, Balugaon PIN 752030. **Necessary training if required shall also be provided by the supplier free of cost.**

#### 5. Evaluation of Tender

- 5.1 Evaluation will be done item wise.
- 5.2 The Purchaser will evaluate and compare the tenders determined to be substantially responsive.
- 5.3 The supplier shall submit the authorisation certificate from the Original Manufacturer and also the list of firms/Organisation to whom supplied during the last two years.
- 5.4 All documents are to be properly signed, confirming to the terms and conditions, and specifications.
- 5.5 The tenders would be evaluated as one unit and GST in connection with sale of goods shall be taken into account in evaluation.
- 5.6 The offer should be supported with brochures/catalogues.

#### 6. Award of contract

- 6.1 The Chief Executive, CDA will award the contract to the bidder whose Tender has been the lowest price.
- 6.2 Notwithstanding the above, the Chief Executive, CDA reserves the right to accept or reject any or all tenders so received without assigning any reasons thereof.
- 6.3 The bidder whose bid is accepted will be notified of the award of contract by the Chief Executive, CDA prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the purchase order.

#### 2. Payment shall be made in following manner

- a) Upon full supply and acceptance by the Consignee designated by the purchaser, the supplier's request for payment shall be made to the Purchaser in writing, accompanied by an invoice describing the details of job performed and on rates stipulated in the Contract.
- b) Payment for 100 % of value of order shall be made promptly by the Purchaser on acceptance, but in no case later than fifteen (15) days after submission of a valid invoice by the Supplier.
- c) The intending Firms should have valid GST No, and income Tax No. 100% payment will be released after submitting certified invoice and delivery challan.

7. The materials are to be delivered and installed at CDA, WRTC, Chandraput, Balugaon or as mentioned in the supply order.

8. For any query you can contact Dr. P.R.Muduli, Scientific Officer, Phone- 8280244504 (for item Sr no. 1), Dr.G.Rastogi Senior Scientist, Phone-8280197164 (for item Sr. no. 2) and Dr. R.N.Samal Phone- 7008330853 (for item Sr. no 3 to 6).

9. Tenders will be opened in the presence of bidders or their authorized representative who choose to attend at 3.00 PM on 28.01.2026 in the O/o the Chief Executive, Chilika Development Authority, Bhubaneswar. If no bidder or their representatives are present on the scheduled date and time, the sealed tenders will be opened by the competent authority. Interested registered firms/Suppliers are requested to submit their offer in sealed cover latest by 02.30 PM on

28 .01.2026 to:

THE CHIEF EXECUTIVE  
OFFICE OF THE CHIEF EXECUTIVE  
CHILIKA DEVELOPMENT AUTHORITY  
PLOT NO- 493(P), PALASPALI, KHURDA,  
BHUBANESWAR-751020

  
Additional Chief Executive  
Chilika Development Authority  
05/01/26

Memo. No. 20 /CDA Dt. 05.01.2026

Copy to the office notice board / Web site for information and wide publication.

  
Additional Chief Executive  
Chilika Development Authority  
05/01/26



ANNEXURE-C [See Rule 212 (ii)] (OGFR 2023 as per page 287)

Model Bank Guarantee Format for furnishing EMD

Whereas ..... (hereinafter called the "tenderer") has submitted their offer dated..... for the supply of

..... (hereinafter called the "tender") against the purchaser's tender enquiry

..... KNOW ALL MEN by these presents that

WE..... of ..... having our registered office at..... are bound unto ..... (hereinafter called the "Purchaser") in the sum of ..... for which payment will and truly to be made to the said Purchaser, the Bank binds itself, its successors and assigns by these presents. Sealed with the Common Seal of the said Bank this..... day of .....20.....

THE CONDITIONS OF THIS OBLIGATION ARE:

- (1) If the tenderer withdraws or amends, impairs or derogates from the tender in any respect within the period of validity of this tender.
- (2) If the tenderer having been notified of the acceptance of his tender by the Purchaser during the period of its validity:-
  - a) If the tenderer fails to furnish the Performance Security for the due performance of the contract.
  - b) Fails or refuses to accept/execute the contract.

WE undertake to pay the Purchaser up to the above amount upon receipt of its first written demand, without the Purchaser having to substantiate its demand, provided that in its demand the Purchaser will note that the amount claimed by it is due to it owing to the occurrence of one or both the two conditions, specifying the occurred condition or conditions. This guarantee will remain in force upto and including 45 days after the period of tender validity and any demand in respect thereof should reach the Bank not later than the above date.

Our..... branch at.....\* (Name & Address of the .....\* branch) is liable to pay the guaranteed amount depending on the filing of claim and any part thereof under this Bank Guarantee only and only if you serve upon us at our .....\* branch a written claim or demand and received by us at our .....\* branch on or before Dt.....otherwise bank shall be discharged of all liabilities under this guarantee thereafter. ....

(Signature of the authorized officer of the Bank) .....

.....  
Name and designation of the officer .....

Seal, name & address of the Bank and address of the Branch

\* Preferably at the headquarters of the authority competent to sanction the expenditure for purchase of goods or at the concerned district headquarters or the State head quarters.

