



CHILIKA DEVELOPMENT AUTHORITY
Address: Plot No- 493(P), Palashpalli, Pokhariput
Road, Bhubaneswar - 751020

Tender Call Notice

Advertisement No. 1399/CDA, Dated: 15/10/2025

Sealed tenders are invited for supply of instruments at CDA. The detailed terms and conditions of tender call can be downloaded from CDA website under Tender section <https://www.chilika.com/Tender.php>. Interested firms should submit their bid on or before 8.10.2025 by 2:30 pm.

Sd/-
Chief Executive
Chilika Development Authority

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

TENDER CALL NOTICE

No. 1399 Dated: 15.9.2025

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. **The firm/company must enclose certification of authorization from manufacturer stating that they are authorised dealer to supply and bid the items quoted by them.**

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	EMD deposit
1	Conductivity meter with sensor Conductivity measurement: Resolution (μS/cm)0.001 Measurable Conductivity range: Auto ranging Measuring Range for conductivity: 0.001 μS to 3000 mS Salinity measurement: Type: Practical salinity or natural sea water Range: 0.06 to 80.00 psu, 0.05 to 42.00 ppt Resolution:0.01 psu or, 0.01 ppt	1no					Not required
2	REPAIR and SUPPLY of spares for Water Purification System MAKE: MERCK, MILLIPORE MODEL: ELIX-3. Following spares are required for replacement 1. QUANTUM EX 2. PROGARD TS2 3. Q-GARD 1 4. Millipak Express 40 Filter	1 no for each item (sl no. 1 to 6)					Required @ 3% of the quoted value



	<p>5. MX CARTRIDGE 5 UM 10"</p> <p>6. MX CARTRIDGE 1UM 10"</p> <p>Total price must include Service charges, transportation, 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</p>						
3	<p>Tucsen Michrome 6 camera with imaging software 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</p>	1 no.					EMD Not required
4	<p><u>Shallow Water Multi-Parameter Water Quality Probe</u></p> <p>a. Measured Parameters: pH, DO, EC, Salinity, Turbidity, Temp, Chl-a, COD, BOD, TOC, POC.</p> <p>b. Accuracy: High precision (e.g., pH ± 0.1, DO $\pm 0.1-0.2$ mg/L).</p> <p>c. Depth Rating: 0-10 meters; ideal for estuarine and shallow water.</p> <p>d. Material: PVC/Titanium/316 SS; IP68 waterproof.</p> <p>e. Power: 60-day battery life, external 5-12V DC input.</p>	1 no.					Required @ 3% of the quoted value



	<p>f. Data Logging: 1 GB storage, programmable logging intervals.</p> <p>g. Connectivity: USB, RS-232/485, Modbus RTU, SDI-12, Bluetooth/Wi-Fi optional.</p> <p>h. Calibration: Auto 1-3, point calibration, optional self-cleaning wiper.</p> <p>i. Additional Features: GPS integration, telemetry, handheld display.</p> <p>j. Use Cases: Estuaries, rivers, lakes, aquaculture, and shallow coastal zones.</p>						
5	<p>Echo Sounder</p> <p>a. Type: High-res. single/multi-beam; IHO compliant.</p> <p>b. Frequency: Dual (24–33 kHz and 180–210 kHz), adjustable power (500W–1.5kW).</p> <p>c. Depth Range: 0.1 to ≥ 200 m; ± 0.05 m accuracy.</p> <p>d. Ping Rate: Up to 20 Hz; detects hard/soft seabed.</p> <p>e. Display/Storage: Sunlight-readable LCD, 16GB+SD/USB storage.</p> <p>f. Data Output: NMEA 0183/2000, RS232, Ethernet; formats like XYZ, ASCII.</p> <p>g. Integration: Compatible with GNSS/RTK systems.</p> <p>h. Power Supply: 12/24V DC or AC 110–240V; IP67 rated.</p> <p>i. Add-ons: Heave compensation, dual transducers, side-scan sonar.</p> <p>j. Accessories:</p>	1 no.					Required @ 3% of the quoted value



	Transducer, cables, mounting kit, manual, software						
6	<p>ADCP (Acoustic Doppler Current Profiler)/ Current meter</p> <p>a. Application: Coastal/estuarine current and wave profiling.</p> <p>b. Frequency: 300–600 kHz; profiling ranges up to 100 m.</p> <p>c. Velocity Accuracy: $\pm 0.5\%$ or ± 0.5 cm/s; adjustable cell size.</p> <p>d. Ping Rate: Up to 10 Hz; 3 or 4-beam configuration.</p> <p>e. Power/Battery: 60+ days with lithium or alkaline batteries; solar option.</p> <p>f. Data Logging: ≥ 16 GB, real-time output via RS232/485 or Ethernet.</p> <p>g. Sensors: Pressure, temperature, tilt, compass, & GPS.</p> <p>h. Housing: Titanium/Aluminium; depth rating 50–100 m; < 20 kg.</p> <p>i. Telemetry: GSM, satellite, Bluetooth, Wi-Fi.</p> <p>j. Accessories: Mounting frame, cables, software, manuals, training</p>	1 no.					Required @ 3% of the quoted value
7	<p>DGPS/GNSS System/RTK Profiler</p> <p>a. Satellite Support: Tracks GPS, GLONASS, Galileo, BeiDou, QZSS, NavIC (IRNSS).</p> <p>b. Accuracy:</p> <ul style="list-style-type: none"> • DGPS: H ± 0.3 mm +1 ppm, V ± 0.6 mm +1 ppm. • RTK: H ± 10 mm + 0.5 ppm, V ± 20 mm + 0.5 ppm. <p>c. Antenna: Multi-</p>	1 no.					Required @ 3% of the quoted value

	<p>frequency, Pro-Point GNSS enabled, Bluetooth-linked.</p> <p>d. Controller:</p> <ul style="list-style-type: none"> • Android 12+, 6GB RAM, 128GB storage. • Octa-core, 50 MP rear camera, IP68 rating. <p>e. Field Software:</p> <ul style="list-style-type: none"> • RTK, Static, PPK modes; COGO, maps, area calculation. • Supports DXF, KML, CSV, TIFF, JPEG. <p>f. Positioning Rate: 10 Hz update rate.</p> <p>g. Battery: Power bank compatible, <2.5W consumption, 5–7 hr runtime.</p> <p>h. Durability: -20°C to +60°C operational temp; shockproof to 1 m.</p> <p>i. Weight: Antenna <400 g; controller <200 g.</p> <p>j. Accessories: Pole, power banks, data app, RTX pack, mount bracket.</p>						
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2. Bid Price

- 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.
- Bidders must provide EMD of their total quoted price as specified against each item quotations as per the Model Bank Guarantee Format (given in Annexure C of this document) or demand draft. The bid security must be valid for at least 45 days from the date of opening of tender.**

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

- 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.

7. 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.

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

9. For any query you can contact Dr. P.R.Muduli, Scientific Officer, Phone- 8280244504 (for item Sr no. 1-2), Dr.G.Rastogi Senior Scientist, Phone-8280197164(for item Sr. no. 3) and Dr. R.N.Samal Phone- 7008330853 (for item Sr. no 4 to 7).

10. The Tenders received without EMD (if applicable for quoted item) 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 CDA payable at Bhubaneswar. The EMD of un-successful bidders will be returned after award of contract.

11. Tenders will be opened in the presence of bidders or their authorized representative who choose to attend at 3.00PM on 08.10.2025 in the O/o the Chief Executive, Chilika Development Authority, Bhubaneswar. If no bidder or their representative 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 08.10.2025 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

Memo. No. 1399(1)/CDA Dt. 15.09.2025

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


Additional Chief Executive
Chilika Development Authority

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

No..... 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 of20.....

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.