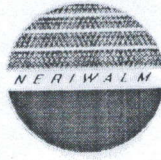


Phones: 03712 - 268107/268077  
Fax: +91 (03712) 268007  
Website: neriwalm.gov.in



Dolabari  
P.O. Kaliabhomora  
Tezpur – 784 027,  
Assam (India)



## **NORTH EASTERN REGIONAL INSTITUTE OF WATER AND LAND MANAGEMENT (NERIWALM)**

An Institute under the Ministry of Jal Shakti, Govt. of India  
(Registered under the Societies Registration Act, 1860)

NO:NRWM/LAB/1/PT-III/2017-18/

Dated 05.08.2019

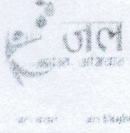
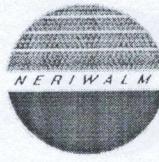
### **NOTICE INVITING TENDER**

Sealed tenders are invited by the Director, NERIWALM, Tezpur from appropriate registered Contractors/Firms for "Supply of equipments related to Soil & Water Testing Laboratory of NERIWALM ". The last date for submission of filled in tender by "**REGISTERED POST**" or by dropping in the **TENDER BOX** kept in the lounge of Administrative Building (superscribing the name of the work on the top of the envelope) is **27.08.2019 upto 5.00 PM** and will be opened at **1100 hrs of 28.08.2019** in the conference room of the institute in presence of the tenderer or their authorized representatives, if any.

The tenders alongwith terms and condition may be viewed and downloaded from the institute's website. [www.neriwalm.gov.in](http://www.neriwalm.gov.in).

Deputy Director (Admin)





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NO:NRWM/LAB/1/PT-III/2017-18/


1624

Dated 06.08.2019

### NOTICE INVITING TENDER

1. Sealed tenders are invited by the Director, NERIWALM, Tezpur from registered dealer/firms of repute for "Supply of equipments related to Soil & Water Testing Laboratory of NERIWALM" at Dolabari, Tezpur.
2. The last date for submission of filled in tender by "REGISTERED POST" or by dropping in the **TENDER BOX** kept in the lounge of Administrative Building (superscribing the name of the work on the top of the envelope) is **27.08.2019 upto 5.00 PM** and will be opened at **1100 hrs. of 28.08.2019** in the conference room of the institute in presence of the tenderer or their authorized representatives, if any.
3. In the event of **28.08.2019** being declared a holiday, the tender will be opened on the next working day at the same time and place.
4. Interested bidders may view and download the tenders documents alongwith terms and conditions from the institute's website. [www.neriwalm.gov.in](http://www.neriwalm.gov.in).

Sl. No	Name of work	Estimated amount	Time of completion	Earnest Money
1.	Supply of equipments related to Soil & Water Testing Laboratory of NERIWALM.	₹ 8,75,600.00	30 (thirty) days from the date of signing the formal agreement.	2% of the quoted amount.

  
Deputy Director (Admin)

#### Copy to:

1. PA attached in the Director's Officer for kind information of Director.
2. Professor (WRE) & CVO, NERIWALM for kind information.
3. Assistant Director(Civil), NERIWALM, Tezpur for information and necessary action.
4. Accounts Officer, NERIWALM, Tezpur for information & necessary action.
5. Assistant Engineer (C), NERIWALM, Tezpur for information and necessary action.
6. Notice Board, NERIWALM, Tezpur for wide circulation.
7. NERIWALM website : [www.neriwalm.gov.in](http://www.neriwalm.gov.in). & CPP Portal for publishing.



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### **TERMS & CONDITIONS**

1. The tender should be accompanied with Earnest Money equivalent to 2% of the quoted value in the form of Bank Draft/Banker's Cheque in favour of Director, NERIWALM, payable at Tezpur. Tenders without earnest money will summarily be rejected.
2. Self attested uptodate Authorised Dealership Certificate, PAN, GST Registration, Experience Certificate, etc should be submitted alongwith the tender documents.
3. Make and quality of the equipments should be clearly mentioned. Necessary sample, broucher, etc should be enclosed with the tender.
4. Warranty/Guarantee of the instruments should be mentioned clearly. After sale service of the equipments to be supplied should also be indicated. The rate of BUY BACK offer may clearly indicated wherever applicable.
5. The rates should be legibly written both in figure and in words. Any correction should be authenticated with proper initial. GST as applicable should be shown separately. Quoted rates should be valid at least for a period of 6 months.
6. No request for change of rates will be entertained after opening of the tender.
7. 100% payment will be released after successful supply and demonstration of the instruments in good condition.
8. The supply should be completed within the stipulated time. Extension will be granted only if a valid and tenable reason is given.
9. The materials to be supplied should be of ISI Marked and got approved before using the same for the work.
10. Payment will be made as per actual supply made in good and acceptable condition.
11. Details of availability of after sales support will have to be furnished. After sales support directly from manufacturer and from Assam ( Guwahati / Tezpur) will be preferred.
12. Proprietary items should be quoted with sole Manufacturer/Distributorship certificate.
13. In case of equipment of foreign origin, the Indian agent should submit one undertaking in non judicial stamp paper, stating that if any equipment delivered in damaged condition they will be liable to change the equipment with new one.
14. Any other clause not covered above, the contractor will be liable to abide by the direction/instruction of the Director, NERIWALM in the interest of the Institute.
15. The Director, NERIWALM reserves the right to accept/reject any or all tenders without assigning any reason thereof and there is no binding on the Director to accept the lowest rate.

*[Handwritten signature]*

Deputy Director (Admin)



BOQ for supply of Soil & Water Testing Laboratory

Annexure-I

Sl. No	Specification of item	Unit	Qty	Rate (₹) (both in figure & in words)	Amount (₹) (both in figure & in words)
1.	Laminar Flow Cabinet. (under BUY BACK mode)  <b>SPECIFICATIONS</b> 1. Stainless steel working table 2. vertical laminar air flow 3. Power: 220-230 V, single phase 4. Fitted with Fluorescent and UV light having separate control in front 5. Low noise and low vibration 6. High quality protected Hepa filter unit efficiency 99.99% @ 0.1- 0.3 microns Size: 4 ft X 2 ft X 2 ft	No	01		
2.	Flame Photometer (under BUY BACK mode)  <b>SPECIFICATIONS</b> 1. Elements to be analysed: Sodium, Potassium, Calcium and Lithium. 2. Resolution: 0.01 ppm to 0.03 ppm 3. Mode: Low and High concentration. 4. Interference filters: Sodium, Potassium, calcium and Lithium 5. Reproducibility: ± 1% FS 6. With air compressor, air regulator , air filter systems, gas lighter, and air tube. 7. Power: 220-230 V, single phase 8. Inbuilt automatic flame ignition 9. LCD display with micro controller based automation Determination of four elements in a single aspiration.	No	01		
3.	Nitrogen Analyser- distillation apparatus- fully automatic (under BUY BACK mode)  <b>SPECIFICATIONS</b> 1. Autosequencing Microprocessor based PC Compatible Distillation System with in-built software with 30 predefinable user storage programs, 2. Fully Automatic sequencing with auto Intelligent run of programmable steps, Automatic Dilution, Automatic Alkali Addition, Automatic Steam Processing, Process over indication with alarm with delay time feature, Automatic titration connectivity feature for future upgradation, 3. Two line alpha numeric digital LCD display 4. Tube insert error indication, Auto door open warning indication, Auto deactivation of System on error diagnosis, Adjustable steam power, Automatic Reagent level sensor with alarm, Auto online water saving mechanism, Stainless steel non corrosive steam Generator, Fully Automatic water level monitoring with centrifugal refilling pump & Peristaltic pump for reagents addition, Electrical Requirement – 220 - 230V/50Hz. 5. The control panel unit along with inbuilt temperature controller, timer, mother board and SMPS should be isolated in separate compartment to protect electronics from wet chemistry & acid/alkali process area for longevity and safety of all electronic components. 6. Nitrogen level : 0.1 to 200 mg Nitrogen (Min / Max Detection Limit) 7. Nitrogen Reproducibility: ± 0.1% RSD, Nitrogen Recovery : > 99.5% 8. Electrical Requirement: 220-230V single phase	No	01		
4.	Water Analyser Kit	No	02		



	<p><b>SPECIFICATIONS</b></p> <p>1. LCD display with charger and battery</p> <p>2. pH range: 0 to 14 (Resolution: 0.01 pH, Combined electrode)</p> <p>3. mV/ ORP range: <math>\pm</math> 1999 mV ( Resolution: 0.01 mV, Combined electrode)</p> <p>4. Dissolved oxygen: 0 to 20 ppm ( Resolution: 0.1 ppm, probe based)</p> <p>5. Conductivity/ TDS: 0 to 100 mS ( Resolution: <math>\pm</math> 1% of FS, conductivity cell)</p> <p>6. Salinity range: 0 to 40 ppt (Resolution: 0.1 ppt, conductivity cell)</p> <p>7. Temperature range: 0 to 100°C ( Resolution: 0.1°C with sensor)</p> <p>8. Turbidity range: 0 to 1 NTU ( Accuracy: <math>\pm</math> 2% of FS with sensor photodiode)</p>				
5.	<p>Hot plate</p> <p><b>SPECIFICATIONS</b></p> <p>1. Outer body SS/ powder coated with gap of cast iron top from the body</p> <p>2. Fire proof electrical connections</p> <p>3. Digital controller of temperature</p> <p>4. Control panel with energy regulator, temperature indicator and load indicator</p> <p>5. Size: 30 X 25 cm Heating temperature range 50 - 300 °C</p>	No	01		
6.	<p>Micro balance ( capacity upto upto .0001g) (under BUY BACK mode)</p> <p><b>SPECIFICATIONS</b></p> <p>1. Solid metal base with Internal adjustment facility</p> <p>2. Minimum capacity: 0.0001 g</p> <p>3. Maximum capacity: 50-60 gm</p> <p>4. Accuracy/ repeatability: 0.1 mg</p> <p>5. Single pan with weighing platform of 90- 100 mm</p> <p>6. Setting time: 2 to 5 second Weight of balance: 4-5 kg.</p>	No	01		
7.	<p>COD digestion unit with 15 sample test facility at a time.</p> <p><b>SPECIFICATIONS</b></p> <p>1. Capacity: 12 sample digester</p> <p>2. Tube size: 40 X 200 mm with interchangeable socket</p> <p>3. Condenser: 640 mm with bulb, funnel and interchangeable cone</p> <p>4. Timer: Programmable electronic device</p> <p>5. Temperature range: upto 200 °C</p> <p>6. Temperature controller: Microprocessor based with LED display Power: 220-230 V, Single phase</p>	No	01		
8.	<p>Rotary Shaker 25 X 250 ml (under BUY BACK mode)</p> <p><b>SPECIFICATIONS</b></p> <p>1. Size: 25 inch X 25 inch</p> <p>2. Capacity: 25 X 250 ml</p> <p>3. Material: Heavy mild steel duly powder coated</p> <p>4. Duty cycle: Continuous Power: 220-230 V, Single phase</p>	No	01		
				<b>TOTAL</b>	

Name, signature & seal of the party : \_\_\_\_\_

Address with Contact No : \_\_\_\_\_