



**KERALA STATE**  
**DEPARTMENT OF AGRICULTURE**  
**DISTRICT SOIL TESTING LABORATORY,**  
**Idukki, Arikuzha. P.O. – 685608**

**Tender No. DSTL/IDK/170/14**

**Dated: 08/12/2014**

**TENDER NOTICE**

Sealed superscribed Tenders are invited for the “supply of Equipments” for the use of District Soil Testing Laboratory, Idukki, Arikuzha. P.O. under the Scheme on National Project on Management of Soil Health and Fertility 2009 - 10

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|--|---|---|
| (1) Estimated cost   | : | Rs. 4,88,000/ (Rupees Four Lakh and Eighty Eight Thousand Only) (Specification attached)  |
| (2) Cost of Original Tender form                                 | : | Rs. 1000/- + 5% VAT + 2.5% Cess   |
| (3) Cost of duplicate Tender form                                | : | Rs. 500/- + 5% VAT + 2.5% Cess  |
| (4) Date and Time upto which tender forms are sold               | : | 16/01/2015 2 pm   |
| (5) Last date and time of receipt of tender                      | : | 17/01/2015 2 pm   |
| (6) Date and time of opening of tender                           | : | 17/01/2015 3 pm   |
| (7) E.M.D.   | : | 1% of the total cost or minimum amount of Rs. 1500/- whichever is higher in the form of demand draft drawn in favour of the under signed payable at SBT, Thodupuzha Branch. |
| (8) Amount of Security   | : | 5% of the total value of the contract rounded to nearest Rupee.   |
| (9) Time and place of supply                                     | : | Within 15 days of receipt of supply order at, DSTL, Idukki, Arikuzha P.O, Thodupuzha  |
| (10) Date upto which the rates are to remain same for acceptance | : | 31/03/2015  |
| (11) Address to which tender to be submitted                     | : | Assistant Soil Chemist, District Soil Testing Laboratory, Idukki, Arikuzha P.O, Thodupuzha – 685608   |

Tender form, special condition and further details if any required can be had from the Office of the undersigned during office hours on all working days. The price of tender form will be received only by cash remittance, Demand Drafts or Money Orders. Cheques and Postage stamps etc will not be accepted. Those who want tender form in post can be received by paying Rs.100/- as postal charges, separately.

The submission of tender should be strictly in accordance with special condition and as per rules and regulations prescribed by the Government.

It is also informed by the undersigned that incase a firm desires to submit tender for any one item only, the firm can quote the same.

In case the proposed date of opening of the Tender is a Government declared holiday, the opening of the Tender will be postponed to the next working day at the proposed time.



**Assistant Soil Chemist**


അസി സോയിൽ കെമിസ്ട്രി  
 ടിസ്റ്റിംഗ് ലബോറട്ടറി  
 ഐഡുക്കി, അരികുഴha പി.ഒ.  
 685 608

**TENDER No. DSTL/IDK/170/14. Dt. 08/12/2014**

**ANNEXURE 1-SCHEDULES OF MATERIALS**

- 1. VISIBLE SPECTROPHOTOMETER-1 NO** – Double beam scanning. Wave length 340-999 nm, band width- 5nm, Accuracy $\pm$ 2nm, power 230V,50Hz
- 2. FLAME PHOTOMETER-1 NO**-Digital :Sensitivity Sodium 2ppm,Potassium 1ppm, Accuracy: $\pm$ 2% of FSD, Sample volume-3.5ml minimum, Aspiration time:30 seconds, Air supply pressure:0.3 to 0.6 kg/cm<sup>2</sup>,Power:230V,50Hz,Standard accessories: Na and K filters, Gas and Air tube, Instruction manual.
- 3. SHAKING APPARATUS - 2 NOS**-Reciprocating with speed control and timer, power 230V.(holding minimum 36 nos. of conical flask)
- 4.ELECTRONIC BALANCE: 1 NO** –Microprocessor based, Back lit Digital display, accuracy 1mg, Maximum capacity 220g, Functions-self-diagnosis, auto calibration, full taring and parts counting, Power supply 220V.
- 5.DRYING OVEN-1 NO**- Lab Model Stainless steel, Thermostat, Max temp 180 c (min. cap. 100 L)
- 6. TABLE TOP CENTRIFUGE-1 NO**  
Clinical type with head to take 24 tubes of 15ml cap, complete with metal shields rubber cushions and 15ml centrifuge Polyethylene tubes,220 V 50Hz.
- 7.pH METER – DIGITAL BENCH TYPE -1 NO**  
pH Range 0 to 14. Resolution 0.01 pH Repeatability $\pm$  0.01 pH  $\pm$ 1 digit Mv: Range 0 to  $\pm$ 1999 mv, Resolution 1 mv, Repeatability  $\pm$ 1 mv  $\pm$ 1 digit, Power 230v, 50 Hz, Standard accessories electrode, spare electrode, clamp, stand and Temperature probe, Instruction manual
- 8. HOT PLATE 2KW (30X45 cm) 1 Nos.**
- 9. AUTOMATIC BOTTLE TOP DISPENSER-1 NO**  
2.5 - 25ml Vol range, Piston – Direct Displacing. Cylinder - Borosilicate glass.
- 10. PRESSURE VACCUM PUMP-1 NO**  
Oil sealed, air cooled, mounted on a base plate with belt guard etc. Single/double stage, power 230V, 50Hz.
- 11. DOUBLE DISTILLATION UNIT- 1 No.**  
All Glass Double Distillation Unit, With Borosilicate Boiler, Borosilicate condenser & Quarts Heater, Horizontal Type, Min Cap 4.0 lit/hr, 230 V 50 Hz, With DAPS.
- 12. SERVO CONTROLLED VOLTAGE STABILISER 2KVA - 1 Nos.**  
With 3 nos. of 3 pin sockets, switches, LED indicators
- 13. BALANCED CELL COLORIMETER -DIGITAL**
- 14. Brass Sieve (0.5 mm) 2 nos.**
- 15. Brass Sieve (2 mm) 1 nos.**



  
അസി സെക്രട്ടറി കെ.എസ്.എസ്.  
ജില്ലാ മണ്ണുപരിശോധന സ്റ്റേഷൻ,  
തൊടുപുഴ അതിരൂരൂർ ഡി.ഒ.  
വിൻ - 685 544