



KERALA STATE
DEPARTMENT OF AGRICULTURE

Mobile Soil Testing Laboratory, Kollam, Kavanadu P.O., Kollam - 3

Tender No. MSK 43/2014

Dated : 18-12-2014

TENDER NOTICE

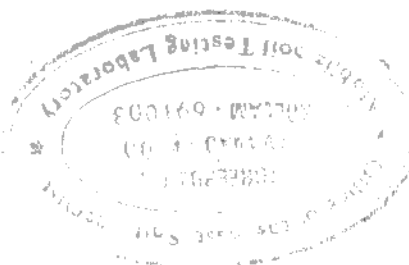
Sealed superscribed tenders are invited for the supply of equipments for the use in Mobile Soil Testing Laboratory, Kollam under the project "National Project on and Management of Soil Health and Fertility 2009-10.


Estimated cost	: Rs.415000
Cost of original tender form	: Rs.900 + 5% VAT
Cost of duplicate tender form	: Rs.500 + 5% VAT
Date & time upto which tender form are sold	: 19/01/2015 4.00 PM
Last date & time of receipt of tender	: 20/01/2015 2.00 PM
Date & time of opening of tender	: 20/01/2015 2.30 PM
E.M.D. 1% of the total cost (subject to a minimum of Rs.1500/- i.e. even if 1% of the total amount of tender falls below Rs.1500/-)	: Demand draft drawn in favour of . Assistant Soil Chemist payable at SBT, Kollam Civil Station
Amount of security	: 5% of the total value of the contract rounded to nearest rupee
Time and place of supply	: Within 15 days of receipt of supply order at MSTL, Kollam
Address to which tender to be submitted	: Assistant Soil Chemist, Mobile Soil Testing Laboratory, Kollam, Kavanadu P.O. Pin. 691003

Tender form, special condition and further detail if any required can be had from the office of the undersigned during office hours on all working days. The price of tender forms will be received only by cash remittance, demand drafts or money orders. Cheques, Postal orders etc. will not be accepted.

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

It is also informed by the undersigned that if incase a firm can submit tender for any one item only, the same should also be quoted.




Assistant Soil Chemist
ASSISTANT SOIL CHEMIST
MOBILE SOIL TESTING LABORATORY
KOLLAM

**Government of Kerala
Department of Agriculture.**

Mobile Soil Testing Laboratory, Kollam,

Kavanadu P.O., Kollam – 691003

E mail : mstlkollam@gmail.com

Phone No. 0474 2797795

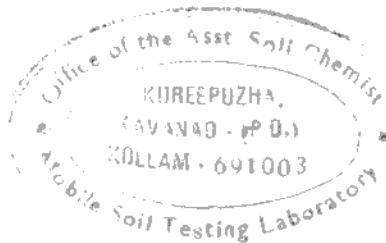
TENDER NOTICE

No. MSK 43/2014

Date: 18-12-2014

Sealed competitive and super scribed tenders are invited from competent dealers for the supply of "Equipments "as shown in Annexure-I, for Mobile Soil Testing Laboratory, Kollam

Tender Notification Number	: MSK 43/2014
Purpose of Tender	: Supply of equipments
Name & address of office	: Assistant Soil Chemist, Mobile Soil Testing Laboratory, Kollam, Kavanadu P.O., Kollam – 691003
Phone Number	: 0474-2797795
Cost of tender form	: Rs.900 + 5% VAT
Cost of duplicate tender form	: Rs.500 + 5% VAT
Total Cost	: Rs.415000
Earnest Money Deposit	: 1% of quoted cost or minimum amount Rs.1500, whichever is higher in the form of Demand Draft drawn in favour of the under signed payable at SBT, Kollam Civil Station branch
Last date of issue of tender form	: 19/01/2015 4.00 PM
Last date & time of receipt of tender	: 20/01/2015 2.00 PM
Date & time of opening of tender	: 20/01/2015 2.30 PM



Assistant Soil Chemist

ASSISTANT SOIL CHEMIST
MOBILE SOIL TESTING LABORATORY
KOLLAM

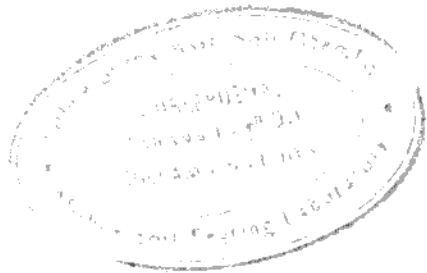
TENDER No. MSK 43/2014 dt. 18-12-2014

ANNEXURE 1 - SCHEDULES OF MATERIALS

1. **VISIBLE SPECTROMETER -1 No.** - Double beam scanning. Wave length 340-999nm, band width-5nm, Accuracy ± 2 nm, Power 230V, 50 H z
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/cm², Power 230V , 50Hz, Standard accessories: Na and K Filters, Gas and Air tube , Instruction manual.
3. **CONDUCTIVITY METER- 2 No** - Digital Bench type (Direct Reading). Range - 0 to 100mS, Resolution 0.01 μ S (preferred). Accuracy $\pm 1\%$ FS ± 1 Digit, Standard accessories - conductivity cell, cell constant 0.1, cell constant 1, Spare cells, Stand cable ,Temperature probe, instruction manual.
4. **pH METER**
 - a) **DIGITAL BENCH TYPE- 1 No.** - P^H Range 0 to 14. Resolution 0.01 P^H , Repeatability ± 0.01 P^H ± 1 digit, mv Range 0 to ± 1999 mv , Resolution 1 mv, Repeatability ± 1 mv ± 1 digit , Power 230V, 50 Hz, Standard accessories - Electrode, Spare electrode, clamp, stand and temperature probe, Instruction manual.
 - b) **POCKET TYPE pH METER - 1 No** - For estimation of pH, Conductivity and Temperature
5. **SHAKING APPARATUS - 1 No.** - Reciprocating with speed control and timer, power 230 V
6. **ELECTRONIC BALANCE: 1 No.** - Microprocessor based, Backlit Digital display, accuracy 1 mg, Maximum capacity 220g, Functions - self-diagnosis, auto calibration, full taring and parts counting, Power supply 220V
7. **ANALYTICAL BALANCE - 1 No.** - Microprocessor based, Backlit digital display, Accuracy 1mg - 1g capacity - 200-500g, Auto calibration, full taring, Parts counting
8. **DRYING OVEN - 1 No.** - Lab model stainless steel, Thermostat, Max Temp 180^oc
9. **TABLE TOP CENTRIFUGE - 1 No.** - Clinical Type with head to take 24 tubes of 15ml cap, complete with metal shields rubber cushions and 15 ml centrifuge polyethylene tubes, Power 220 V, 50Hz
10. **AUTOMATIC BOTTLE TOP DISPENSER - 3 No.** - 2.5 to 25 ml Volume range, Piston - direct displacing. Cylinder- Borosilicate Glass.
11. **PRESSURE VACCUM PUMP - 1 No.** - Oil sealed, air cooled, mounted on a base plate with belt guard etc. Single/ double stage, power 230V, 50Hz

12. **DOUBLE DISTILLATION UNIT - 1No.** - All Glass Double Distillation Unit, with Borosilicate Boiler, Borosilicate condenser & Quartz Heater, Horizontal type, Min Cap 4.0 Lit/hr, 230V 50Hz, with DAPS.

13. **De ionizer - 1 No.** - Treated water conductivity 1-0 mhos/cm, neutral pH, residual metals <0.5 mg/l, Power 230V, 50Hz



[Handwritten Signature]
ASSISTANT SOIL CHEMIST
MOBILE SOIL TESTING LABORATORY
KOLLAM