

Centre for Rural Development and Technology
INDIAN INSTITUTE OF TECHNOLOGY DELHI
HAUZ KHAS NEW DELHI

Date: 10th June, 2013

Notice Inviting Quotation

We have setup a laboratory for Biomass Cookstoves Testing and Evaluation. The objective is testing and evaluation of the biomass burning Cookstoves from combustion efficiency and emissions point of view. The stove will be placed under a hood and combustion of biomass (wood) will take place in the stove. The hood is provided with an exhaust to take away the flue gases containing the emissions in the form of CO, CO₂, Hydrocarbons – Methane, Non Methane etc. The requirement is on line **Stack Monitoring** of the emissions and measure the Total Hydrocarbons - Methane, Non Methane present in the flue gases.

Quotations are invited for the supply of equipment as given below.

TOTAL HYDROCARBON ANALYSER –

Components to be measured : Total Hydro carbon, Methane & non Methane

Measuring Principle: Flame Ionization Detection Method with selective combustion.

Range: 0-100PPMC with multiple range,

Repeatability: +/-1%FS,

Lower detectable limit: 0.022 PPMC,

Linearity: +/-1.0FS.,

Zero Drift +/-0.05PPMC/ weak at lowest range,

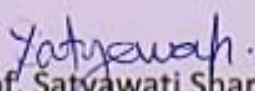
Span Drift: +/- 0.5% FS / weak,

Response time: within 60 seconds at lowest range

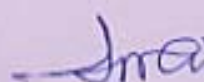
Auto calibration required

Power: 230 V AC, 50 HZ

Please send your bids through post/ courier service/ email (rprasadiitd@gmail.com) to reach the office of Prof. Rajendra Prasad at Centre for Rural Development and Technology, IIT Delhi, New Delhi-110016, latest by 5 pm on 25th June 2013. The financial bids should include installation and demonstration charges if any.


Prof. Satyawati Sharma


Prof. Rajendra Prasad


Prof. S.N. Naik


Prof. V.K. Vijay