

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

Date: 1<sup>st</sup> October, 2012

**Notice Inviting Quotation**

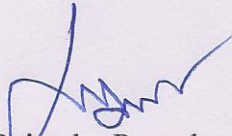
We have setup a laboratory for Biomass Cookstoves Testing and Evaluation. The objective is testing and evaluation of the biomass burning Cookstoves from combustion efficiency and emissions point of view. The stove will be placed under a hood and combustion of biomass (wood) will take place in the stove. The hood is provided with an exhaust to take away the flue gases containing the emissions in the form of Particulate Matter and other gaseous product generated during combustion. The requirement is on line **Stack Monitoring** of the emissions by capturing and analyzing the Particulate Matter present in the flue gases.

**Quotations are invited for the supply of equipments as given below.**

**Laser Based Particulate Matter Sampling / Measuring System. The Sampling/ Measuring System must provide for digital display, high quality LCD to monitor Particulate Matter in stack gas for the Sampling Period - At least 2 hours and Data Logging Facility is Essential with the equipment. The stack temperature may vary from ambient to 250<sup>0</sup>C.**

**Range - 0 to 50 mg/m<sup>3</sup>, real time measurements via measuring the scattered forward light from a laser source. The instrument must provide a precise measurement of particulate concentration giving high stability at even low concentrations (< 0.1 mg/m<sup>3</sup>).**

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 21<sup>st</sup> October 2012. The financial bids should include installation and demonstration charges if any.

  
Prof. Rajendra Prasad