



## DEPARTMENT OF ELECTRONIC SCIENCE

University of Delhi South Campus

Benito Juarez Road

New Delhi 110021, INDIA

Tel.(O): +91-11-24110440

Mobile No. 7838971276

UDSC/DOES/IOE/PKR/Quotation/2021/01

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### OPEN TENDER

Sealed quotations are invited for the table top gas sensor measurement Equipment Setup with following specifications

1	<b>Chamber (Nos.01)</b>	
		Stainless steel Cylindrical chamber with 3" view port and necessary ports for electrical and vacuum.(Size 150mm Diameter x 180mm long )
2	<b>Rotary Pump (Nos.1) Direct drive, Single phase, Double stage</b>	
	Capacity	150 LPM
	Oil Charge	0.75 liters
	Ultimate vacuum	$>1 \times 10^{-3}$ mbar
3.	<b>Heater (Nos.1) with Temperature Controller (Nos.1)</b>	
	Size of the heater	3"
	Maximum Temperature	500 °C
	PID Controller	ON/OFF
	K-Type Thermocouple	
	Heating Element	Kanthal Super
	Solid State relay	
5.	<b>4 Pin electrical connector</b>	4 Nos
6.	<b>Needle valves (Nos.1)</b>	A fine control needle valves providing along with the unit for gas purging
7	<b>M.S Frame</b>	Powder coated mild steel frame

The quotations should be addressed to the **Dr. P. Koteswara Rao, PI, IoE Project, Department of Electronics, University of Delhi South Campus, Benito Juarez Road, New Delhi – 110021.**

The Quotations must be reached on or before 19.02.2021.

प्रोफेसर मृदुला गुप्ता  
 Professor Mridula Gupta  
 अध्यक्ष / Head  
 इलेक्ट्रॉनिक विज्ञान विभाग  
 Department of Electronics  
 दिल्ली विश्वविद्यालय  
 University of Delhi  
 नई दिल्ली-110021 / New Delhi-110021, India

Dr. P. Koteswara Rao  
 PI, IoE Project  
 Dr. P. Koteswara Rao  
 Assistant Professor  
 Department of Electronic Science  
 University of Delhi South Campus  
 Benito Juarez Road, New Delhi 110021