

Dr. Pradeepta Kumar Sahoo, Principal Investigator

(SERB Extra Mural Research Project on "Tribological Analysis of a Direct Injection Tractor Engine using Biodiesel, Ethanol and Diesel Blends" – SERB Reference – EMR/2016/002145)

Department of Farm Machinery & Power

College of Agricultural Engineering & Technology

Orissa University of Agriculture & Technology,

Govt. of Odisha, Bhubaneswar-751003



Letter No:

Date:

QUOTATION CALL NOTICE

Engine Combustion Analysis Card is required for the project "Tribological Analysis of a Direct Injection Tractor Engine using Biodiesel, Ethanol and Diesel Blends" functioning in the Department of Farm Machinery and Power, College of Agricultural Engineering and Technology, OUAT, Bhubaneswar. The detailed specification is given below. Sealed quotations are invited from interested firms to quote their lowest price along with necessary documents if any on or before 18th February, 2019.

Sl. No.	Item	Specification	Quantity
1.	Engine Combustion Analysis Card	Make : ARM , Model : Raispberry, Ram : 1 GB Ram, Speed: A1.2 GHZ 64 – bit, Processor : Quad – core ARM V8 CPU, Communication:802.11n Wireless LAN, Compatible: Bluetooth 4.1, Energy consumption : Bluetooth Low Energy (BLE), Ports :4 USB ports, PINS : 40 GPIO pins, PORT : Full HDMI port , Internet communication : Ethernet port , Audio : 3.5mm audio jack, Video : composite video, Camera interface : Camera interface (CSI), Display : Display interface (DSI) , External storage: Micro SD card slot (now push-pull rather than push-push) - VideoCore IV 3D graphics core, Voltage : 12volts, Resolution : 14 bits, Impedance : High Impedance , Input frequency : 50 hz (Accuracy: between 1hz and 10 khz) , Signal To Noise Ratio: Better than 40 dB, Repeatability : 0.1% of full scale, Linearity : 0.1% of full scale, Accuracy : +- 0.5% of full scale	1

Sealed quotations are to be submitted to the undersigned with necessary documents which includes tax clearance Certificate and a photocopy of pan card.

Terms and Conditions

1. The firms must have the GST registration number and up to-date tax clearance certificate.
2. Payment is to be made strictly on receipt of items of good quality and the services up to satisfaction.
3. The authority reserves right to cancel or change the quotation without mentioning the reason thereof.

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