

NOTICE**Quotation No:8/2020-21**

Sealed quotations are invited for the supply of the materials specified in the schedule attached below/overleaf. The rates quoted should be for delivery of the articles at the place mentioned below the schedule. The necessary superscription, due date for the receipt of quotations, the date up to which the rates will have to remain firm for acceptance and the name and address of officer to whom the quotation is to be sent are noted below.

Any quotation received after the time fixed on the due date is liable to be rejected. The maximum period required for delivery of the articles should also be mentioned. Quotations not stipulating period of firmness and with price variation clause and/or 'subject to prior sale' condition are liable to be rejected.

The prices quoted should be inclusive of all taxes, duties, cess, etc. which are or may become payable by the contractor under existing or future law or rules of the country of origin/supply or delivery during the course of execution of the contract.

Special conditions, if any, printed on the quotation sheets of the tenders or attached with the tender will not be applicable to the contract unless they are expressly accepted in writing by the purchaser.

Superscription : Quotation No.08/2020-21 for the supply of USB based portable FFT Analyser for vibration and Acoustic Measurements with sound and vibration analysis software and accessories for Mechanical Engineering Department

Quotation No : 8/2020-21

Due date and time for receipt of quotations : 07/01/2021, 11 am

Date and Time for opening Quotation : 07/01/2021 11.30 am

Date up to which the rates are to remain firm for acceptance : 30/06/2021

Designation and address of Officer whom the quotation is to be addressed : Principal
Rajiv Gandhi Institute of Technology, Kottayam

Place:Kottayam

Date:16.12.2020

Details of items**Quantity**

Details of items	Quantity
1. USB based portable FFT Analyser for vibration and Acoustic Measurements with sound and vibration analysis software and accessories(Detailed specifications attached)	1

Place:Kottayam

Date:16.12.2020

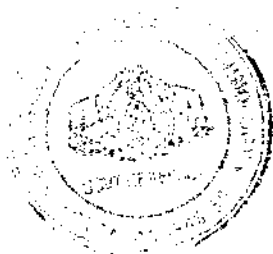
Rajiv Gandhi Institute of Technology, Kottayam




[Signature]
PRINCIPAL
 RAJIV GANDHI INSTITUTE OF TECHNOLOGY
 VELLOOR P.O., KOTTAYAM
 KERALA, PIN-686 501

Details of item to be supplied

Sl.No	Item	Quantity Required
1	<p>USB based portable FFT Analyser for vibration and Acoustic Measurements with sound and vibration analysis software and accessories</p> <p>The system should have the following features</p> <ol style="list-style-type: none"> 1. To acquire, save & post-process on-the-go 2. High quality, 24 bit, enable broad-frequency measurements 3. 2-channel ICP (IEPE) sensor inputs 4. Compatible with MATLAB & Labview <p>Hardware Specifications</p> <ul style="list-style-type: none"> • Number of input channels-2 (At least) • Sampling frequency- 48 kHz (At least) • ADC Bit Resolution - 24 Bits (At least) • Input Voltage Range- should allow ± 10 V • Frequency Response-0.03 Hz - 22.8 k Hz • Frequency accuracy - 50 PPM • Voltage Accuracy- $\pm 0.5\%$ at 1 kHz • Input Connectors- BNC, Single Ended • Input Coupling Type- AC <p>Accelerometer (1 No) with 3 m cable and BNC output</p> <ul style="list-style-type: none"> • Sensitivity : 100 m V/g • Frequency Response(± 3 dB: 30-900,000 CPM • Dynamic Range: ± 50 g peak <p>Magnetic Mount (1 No) Flat surface Magnetic Base Pull Strength: Minimum 4 kg</p> <p>Warranty: 3 Years Customisation support for three years Training after installation on the software is also needed</p>	1




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