

DEPARTMENT OF TECHNICAL EDUCATION

GOVERNMENT ENGINEERING COLLEGE WAYANAD, MANANTHAVADY.

TEL:04935-271261

No.D1/2124/17/GECWYD

Dated:17/05/2017

SHORT TENDER NOTICE

Sealed tenders are invited for the supply of Equipment's for ME431 Mechanical Engineering lab as per KTU Syllabus of Mechanical Engineering department in Government Engineering College, Wayanad.

The tenders should be superscribed the Tender No:04/2017-18 due on 14/06/2017 at 2.PM and addressed to the Principal Government Engineering College Wayanad. Late tenders will not be accepted. The tenders will be opened at 3. PM on 14/06/2017 in the presence of such of the tenders or their authorised representatives who may be present at the time. Intending tenderers may on application to the Principal, Government Engineering College Wayanad, obtain the requisite tender forms on which tenders should be submitted. Application for the tender form should be accompanied by a cash remittance of Rs.840/- which is the price fixed for a form / set of form and which is not refundable under any circumstances. Those who need the tender form by post should send M.O.Rs.880/- to the Principal, Government Engineering College Wayanad. The tender forms are not transferable. Detailed specification of the item will be obtained from the office along with tender form. Sale of tender forms will be closed at 1 PM on 14/06/2017.DD/Cheque /Postage stamps etc. will not be accepted towards the cost of the tender forms not will forms be sent by VPP. Duplicate tender forms, if required will be issued at Rs.420/- per copy.As per condition the tenderer should send along with his tender an priliminary agreement executed and signed in Kerala Stamp paper value of Rs.200/- and Earnest money deposit 1% of the total cost of articles tendered. Tenders without agreement, tender form and Earnest money deposit will be rejected.

PRINCIPAL

NB. The format of agreement is attached in page No. 8 of the tender form

DEPARTMENT OF TECHNICAL EDUCATION

GOVERNMENT ENGINEERING COLLEGE, WAYANAD

No.D1/2124/17/GECWYD

Dated: 17/05/2017

The Principal, Govt. Engineering College Wayanad,

Mananthavady, Thalappuzha - 670644 Phone: 04935 271261

Web: www.gecwyd.ac.in/downloads/tenders

TENDER NOTICE

supply of Equipment's for ME431 Mechanical Engineering lab as per KTU Syllabus in Mechanical Engineering department of Govt. Engineering College, Wayanad.

Cost of tender form original :Rs.800+5%vat=840/-

Cost of tender for duplicate :Rs.420/-

By Post(Original) :Rs.880/-

Last date and time of sale of tender form :14/06/2017 at 1.p.m

Last date and time receipt of tender :14/06/2017 at 2.p.m

Date and time of opening of tender :14/06/2017 at 3.p.m

PAC :363280/-

EMD:3635/-(1%)

Dr. Abdul Hameed KM

Principal

- Copy to
- 1.The Additional Director of Public Relation, TVPM
 - 2.The Superintendent, Govt. Presses, TVPM
 - 3.Publishing for College website
 - 4.SF&OC

Details of Items required

SL.No.	ITEM & SPECIFICATION	QTY
1.	<p style="text-align: center;">REFRIGERATION TEST RIG</p> <p>HERMITICALLY SEALED COMPRESSOR</p> <ul style="list-style-type: none"> Capacity : 1/3 Ton <p>AIR COOLED CONDENSER</p> <ul style="list-style-type: none"> Capacity : 1/2 Ton <p>CONDENSER COOLING FAN</p> <ul style="list-style-type: none"> Capacity : 1/83 Hp <p>HAND SHUT OFF VALVES</p> <ul style="list-style-type: none"> Size : 1/4 " Filter Drier : DM 50 (1/4") Energy Meter : 1 NO. Thermostat : 1 NO. Pressure Gauges : 1 NO. EACH Range : 0 To 300 Psi/-30" Hg to +150 Psi <p>MEASURING INSTRUMENTS</p> <p>Digital Temperature Indicator: 30 To 199.9 Deg.C</p>	1
	<p style="text-align: center;">WHIRLING OF SHAFT APPARATUS</p> <ul style="list-style-type: none"> This Compact and Simple Apparatus Incorporates Two Features. Firstly, Kinematics Coupling At The Driven And Of The Shaft To Slide Freely In Longitudinal Direction While Revolving Readily. An Interchangeable Chuck Without Self-Aligning Radial Ball Bearing Achieves The Directional Clamping Of This 	

2.	<p>End Of The Shaft.</p> <ul style="list-style-type: none"> • The Shaft Is Driven Through A Dynamically Balanced Flexible Coupling By A Universal Motor, The Speed Of the motor can be Controlled By A Control Unit. • The Speed Of Rotation Of The Shaft Can Be Measured By A Stroboscope (Not In Scope Of Supply). • Digital Rpm Indicator Can Be Also Used For Speed Measurement Of Coupling. • Shafts Made From Steel . • One Kinematics Coupling And Bearing For Fixed Or Free End. One Sliding Chuck for Fixed End with Lateral Movement. <p>Power Requirement: 220 V, 50 Hz Single Phases. Range Of Experiments: Investigation of Various Modes of Whirl for Shafts</p>	1
3.	<p style="text-align: center;">MOTORISED GYROSCOPE</p> <ul style="list-style-type: none"> • Rotor Dia: 240 Mm • Thickness 10 Mm • Ac/ Dc Motor 1/12 Th Hp • Digital Rpm Indicator • Set Of Dead Weights <p>electronic Dimmer To Vary The Speed</p>	1
4.	<p style="text-align: center;">UNIVERSAL GOVERNOR APPARATUS</p> <ul style="list-style-type: none"> • The set up consists of a D.C. Motor mounted vertically on a rigid base plate. • The Governor Spindle Also Mounted Vertically on Same Base Plate with Ball Bearings, So It Is to Rotate Freely . • The Spindle Is Driven by Motor with Belt and Pulley System. The Optional Governor Mechanism Can Be Mounted On the Spindle. 	1

	<ul style="list-style-type: none"> Digital Rpm Indicator Provided On The Control Panel To Measure The Speed Of The Spindle. The Graduated scale is Mounted to Measure Lift of The Mechanism 	
5.	<p style="text-align: center;">FREE VIBRATION DAMPED AND UN-DAMPED APPARATUS</p> <ul style="list-style-type: none"> It should consist of both damped and undamped vibrating systems Oil should be used as the damping medium. <p>Should meet the standards</p>	1
6.	<p style="text-align: center;">BOURDON TYPE PRESSURE GAUGE WITH MANOMETER</p> <p>PUMP: Electrically operated pump with sump along with pressure gauge to be provided.</p> <p>MANOMETER: A Differential manometer of range 1 meter is provided with mercury for pressure</p>	1

PRINCIPAL

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