



GOVERNMENT COLLEGE UNIVERSITY FAISALABAD

RE-TENDER DOCUMENT No. 592/52/2018

SUPPLY OF WORKSHOP ITEMS FOR OF DEPARTMENT OF MECHANICAL ENGINEERING, GCUF.

Purchase Price: Rs. 500/-

Sealed Tenders are invited from the well reputed firms / suppliers, who are registered with Sales Tax and Income Tax Departments as Active Tax Payer for Supply Lab Equipment for Department of Mechanical Engineering , GCUF.

GENERAL TERMS & CONDITIONS

1. Tender Opening Date & Procedure:

The procurement shall be completed in accordance with Punjab Procurement Rules 2014, on **Single Stage – Two Envelope** Bidding Procedure. (Technical & financial proposal separately)
Bids in complete conformity with Tender Documents will be dropped in Tender Box placed at Procurement Department of the GCUF, not later than **10:00 Hrs on 24.01.2019** which shall be opened on same day at **10:30 Hours.**
Both Technical and financial proposal shall be written in the letter head of their company /firm along with other prescribed documents

Note: Tender Number must be mentioned on envelope.

2. Tender Fee, Bid Security and Performance Security:

The Bid must be accompanied by Tender Fee of Rs:500/- in shape of Call Deposit Receipt (CDR) in original and Bid Security of 2% of Estimated Price of Rs.1,947,114/- (refundable) in shape of Call Deposit Receipt (CDR) in original.
CDRs must be in favor of Treasurer, Government College University, Faisalabad. The rates / bids should be inclusive of all applicable Govt. Taxes.

3. Validity of Offers.

- i. Offers shall be valid for 180 days from the date of submission of bids.
- ii. Withdrawal / modification of the original offer within the validity period shall entitle the University to forfeit Bid Security.
- iii. Sales Tax Number and NTN Number must be mentioned on the letter head and bidding documents.

4. Failures and Terminations:

No offer of a supplier / firm will be considered if:-

- a) Bid received without Bid Security / Call Deposit or less CDR than the required.
- b) Bids received not in accordance with Tender Documents and Tender Notice.
- c) Bid received later than the date and time fixed for tender.
- d) Tender is incomplete in any respect or is unsigned.
- e) Offer is ambiguous and the offer is conditional.
- f) Offer from a firm which is black listed at any level.
- g) Any erasing / cutting / overwriting etc.
- h) The supplier fails to deliver the consignment within specified delivery period strictly in accordance with the terms and conditions as laid down in the Purchase Order.
- i) Situation warranted, then University is authorized to forfeit the bid Security and the firm may also be black listed.

5. Other special conditions

- I. The decision of the Vice Chancellor of Government College University, Faisalabad, would be final & binding on both the parties.
- II. The supplier/vendor shall submit company profile with financial status and experience record of dealing in relevant line of business.
- III. 10% performance security ,applicable on non consumable supplied items, shall be deducted from the final bill of the successful bidder as per PPRA Rules 2014 and shall be released on request after successful expiry of warranty period.
- IV. All Government Taxes & duties ie; 1/5th of total GST as well as income tax and stamp duty (if applicable) will be deducted according to applicable rules.
- V. The warranty period for the supplied items shall be declared minimum 364 days on final inspection of the Committee and end user. However, this warranty period may be extend if deemed necessary due to unavoidable circumstances.
- VI. Upon the successful supply, fixation, placing, installation, demonstration and inspection carried out by the end user/inspection committee. The successful bidder shall submit their invoice/requisite for request for payment with all necessary documents.
- VII. No partial/advance payment shall be made against partial supply.
- VIII. The unit rates and the price shall be quoted by the bidder in currency PKR (Pakistani Rupee).
- IX. LDC (Late delivery Charges) penalty shall be imposed @2% per month of delay upto maximum of 10% of total price.
- X. The University may reject all bids/proposals at any time prior to the acceptance of a bid or proposal as per PPRA Punjab rule 35, however upon bidder request the ground of rejection will be communicated to the concerned but no justification will be given as per PPRA rule 35 (2).

Muhammad Mazhar Waseem

Incharge Officer, Procurement & Inventory Control

Allama Iqbal Road Faisalabad, Phone: 041-9201468 & 9201030

ISSUED TO:

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RE-TENDER NOTICE No. 592/52 / 2019**SUPPLY OF LAB EQUIPMENT FOR DEPARTMENT OF MECHANICAL ENGINEERING, GCUE.**

Sr#	Name of Article	Qty	Specifications	Unit Price	Total Price Including Taxes
1	Engine Cut Model 2 Stroke Petrol Real Technical Specifications Petrol Engine 2 stroke single cylinder, Working/Running Model, Cut properly to show all parts, Handle for operation. Mounted on Solid Base, With Labeled diagram	1	Good Quality with all allied accessories/ fixtures/instruction manual		
2	Engine Cut Model 4 Stroke Petrol Real Technical Specifications Petrol Engine 4 stroke single cylinder, Working/Running Model, Cut properly to show all parts, Handle for operation. Mounted on Solid Base, With Labeled diagram.	1	Good Quality with all allied accessories/ fixtures/instruction manual		
3	Engine Cut Model 4 Stroke Diesel Real Technical Specifications Petrol Engine 4 stroke single cylinder, Working/Running Model, Cut properly to show all parts, Handle for operation. Mounted on Solid Base, With Labeled diagram.	1	Good Quality with all allied accessories/ fixtures/Instruction manual		

4	Mini Steam Rankin Cycle Turbine Power Plant (15W)[With Data Acquisition, Touch LCD + Software] Technical Specification • Energy Converter: • Steam Turbine. • Type: Single stage, impulse turbine made from Stainless Steel/Super Alloy. • Max. Output: 60 to 90W • Working Fluid: • Water/Steam • Steam Generator: • Boiler (with Electric heater) with safety valves and water Level gauge and instrumentation (Temp/pressure) • Maximum experiment pressure approximately 350 kPa to 800 kPa (set by 1000 kPa by adjustable pressure relief safety valve) • Condenser: • Water cooled • Dynamometer: • For measurement of brake power with digital torque and speed display. • Data Acquisition along with software: • All components are integrated with Real Time data acquisition system with computer USB interface. • Compatible PC/Laptop Included for software. • Assembly: • All of the components are bench mounted. • Water Tank: • For storing and circulation of water. • Throttling calorimeter: • To check the quality of steam. • Instrumentation and measurement: • Throttling calorimeter and therm+B9ocouple to measure the dryness fraction of the steam. • Dynamometer and display unit for motor speed and power measurement. • Pressure gauges for boiler and engine (motor) inlet pressures,	1	Good Quality with all allied accessories/ fixtures/Computer with LCD/ Software/Instruction manual		
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	including electronic transducers for connection to DAQ Computer Software. • Thermocouples and display for steam and cooling water temperatures. • Power meter for heater power input, including an output for DAQ Computer Software. • Digital 7-inch Touch LCD display for Monitoring and control. • Calibrated vessel with stopwatch and thermometer for condensate (steam flow) measurement.				
5	Hydraulic Bench Technical Specifications Power Consumption 500-746W Max. Flow Rate: more than 100L/min Max. head: 32m Storage Capacity: 175L Measuring Tank A large volumetric flow rate: 40LA small volumetric flow rate: 7L Flume LXWXH: 510*165*170 mm Measuring bracker with scale for very small volumetric flow rate Content: 5L Stop Watch: 0....9h 59min 59sec 230 V, 50Hz, 1 Phase Weight: App. 85Kg	1	Good Quality with all allied accessories/ fixtures/Software		

6	Bernoulli's Theorem Demonstration Technical Specification • Venturi nozzle: • A: 84...3. • Angle at the inlet: 10.5°. • Angle at the outlet: 4°. • Pitot tube: • Movable range: 0...200mm. • Diameter: 4mm. • Pipes and pipe connectors: PVC. • Measuring ranges: Pressure: • 0...290mmWC (static pressure). • 0...370mmWC (total pressure). • LxWxH: 1100x680x900mm. • Weight: approx. 28kg	1	Good Quality with all allied accessories/ fixtures/Software		
7	Metacentric Height Technical Specifications • Floating body: • LxWxH: 300x130x190mm. • Mass height: 400mm. • Horizontal scale: 180mm. • Vertical scale: 400mm. • Height scale of the floating body: 120mm. • Clinometer scale: $\pm 35^\circ$. • Weights: • Floating body without clamped weights: approx. 2.7kg. • Vertical clamped weight: 575g. • Horizontal clamped weight: 196g. • Tank for water: 50L. • LxWxH: 660x450x220mm (tank). • Weight: approx. 6kg.	2	Good Quality with all allied accessories/ fixtures		

8	Osborne Reynolds Demonstration Vertical Tube <i>Technical Specifications</i> • Water tank:• Capacity: 2200mL. • Pipe section:• Length: 675mm. • Inside diameter: 10. • Tank for ink:• Capacity: approx. 250mL. • LxWxH: 400x400x1140mm. • Weight: approx. 16kg.	1	Good Quality with all allied accessories/ fixtures		
9	Osborne Reynolds Demonstration Horizontal Tube <i>Technical Specifications</i> • Water tank: • Capacity: 2200mL. • Pipe section: • Length: 675mm. • Inside diameter: 10mm. • Tank for ink: • Capacity: approx. 250mL.	1	Good Quality with all allied accessories/ fixtures		
10	Demonstration Pelton Turbine <i>Technical Specifications</i> • 3.5 Watt nominal power • Bandbrake • Adjustable spear valve • Inlet pressure gauge • No. of Blades: 16 • Blade material: Aluminium • Body: S.S • Max Speed: 1000RPM • Measuring ranges: • Torque: 0...9.81Nm. • Pressure: 0...4bar • Speed: 0...4000min-1.	1	Good Quality with all allied accessories/ fixtures/Software		

11	Demonstration Francis Turbine Technical Specifications • Turbine: • output: 12W at n=1100min-1, approx. 40L/min, H=8m • rotor • 7 blades • blade width: 5mm • external Ø: 50mm • guide vanes • 6 vanes, adjustable (20 stages) • Measuring ranges • force: 2x 0...10N • pressure: 0...1,0bar • LxWxH: 400x400x630mm • Weight: approx. 17kg	1	Good Quality with all allied accessories/ fixtures/Software		
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Price/Rates shall be quoted on Firm's letter head pad and all tender documents shall be typed/computerized with date except signature of the authorized person of firm.

Details of Call Deposit Receipt (CDR)

Signature_____

No_____ **Amount**_____

Name of Bidder_____

Bank_____ **Branch**_____ **City**_____

CNIC No _____

Name of the Firm & Address _____ **Ph No**_____

N.T.No. _____ **Sales Tax No.**_____

Issued By:

Muhammad Mazhar Waseem
 Incharge Officer, Procurement & Inventory Control
 Allama Iqbal Road Faisalabad, Phone: 041-9201468 & 9201030