

**Khwaja Fareed University of Engineering &
Information Technology, Rahim Yar Khan**



Tender Document

Tender No. Misc-178

Supply of Machinery & Equipment

at

**Khwaja Fareed University of Engineering
& Information Technology
Rahim Yar Khan**

RE-TENDER DOCUMENT

TENDER No. Misc-178

Supply of Machinery & Equipment

at

Khwaja Fareed University of Engineering and Information Technology

TENDER PRICE Rs. 3,000/-

Last date of submission: 27-07-2020

FOR OFFICE USE ONLY

Serial No. _____

Sold to: M/S _____

Date of Sale _____

Bank Challan No. _____

Date _____

1. Overview

Khwaja Fareed University of Engineering & Information Technology, Rahim Yar Khan intends “**Supply of Machinery & Equipment**” as provided at **Annex ‘A’**. The supplier will be responsible for Supply, delivery, installation and commissioning of Machinery & Equipment, wherever required, at the Khwaja Fareed University of Engineering & Information Technology, Rahim Yar Khan. This document provides complete instructions for bidders intending to participate in this Tender.

2. Instructions for Bidders

2.1. Response to the Tender (Bid) should be submitted in one part which shall include two separately sealed envelopes of **Technical Proposal** and **Financial Proposal** before **12:00 PM** on **27-07-2020**. Technical Proposals will be opened on same day at **12:30 PM** in the presence of representatives of responding bidders, if any, and Financial Proposals will be opened after completion of technical evaluation. The exact time and place for opening of financial proposals will be informed to technically qualified bidders.

2.2. Proposals shall be delivered at the address given below.

Dr. Aamir Alaudin, Director Procurement

Procurement Department

**Khwaja Fareed University of Engineering & Information Technology
Abu Dhabi Road, Rahim Yar Khan.**

Tel. # 068-5882460

2.3. Any queries regarding this proposal should be directed to the designated Contact Person listed below.

Dr. Ghulam Hasnain Tariq, Assistant Professor, Department of Physics, KFUEIT, Rahim Yar Khan

Cell# 0334-8707991, Email: Hasnain.tariq@kfueit.edu.pk

2.4. All bids must be submitted by filling the **Annex ‘B’**. Same should be enclosed in the financial proposal. Bidder must use the same numbers and labels used in this Request for Proposal.

2.5. The original Tender Document duly signed and officially sealed by the bidder must be submitted in whole with the proposals. Any conditional, ambiguous, incomplete, supplementary or revised offer after the opening of tender shall not be entertained.

3. Technical Proposal Format

Bidders are required to include the following documents/information in their technical proposals in the order given below:

- i. Profile of company complete in all respect
- ii. List of Previous/Current customers, Purchase Orders of related Services with contact person and telephone/fax numbers.
- iii. Copy of National Tax Registration Certificate or Copy of Online Taxpayer Verification
- iv. Copy of Sales Tax Registration Certificate or Copy of Online Active Taxpayer
- v. Bank letter of financial standing /Bank Statement
- vi. An affidavit on Rs 100/- Stamp Paper issued after date of publishing of tender which illustrate that currently they are not black listed or de-barred by any Government/Semi-Government Department to participate in bidding. Failure to submit such affidavit may lead to disqualification.
- vii. Detailed item specifications or Services matched corresponding to the BOQ as given at **Annex 'A'**
- viii. Proposed delivery, response time, plan for rendering service
- ix. Signed and Stamped Complete Tender document
- x. Bank Draft of the Earnest Money attached with technical Proposal

4. Financial Proposal Format

Financial Proposal must include the following in the order given below:

- i. Machinery & Equipment prices duly entered on the form in the attached BOQ
- ii. Validity period of the quoted price

5. Terms & Conditions

5.1. This invitation for bids is open to all national original Manufacturers/ Distributors/Suppliers in Pakistan for supply.

5.2. All prices should be quoted in Pak Rupees and inclusive of all Government Taxes & Levies.

- 5.3. A bank draft equal to 2% of the estimated cost should accompany the Tender as **Earnest Money** drawn in favor of **KFUEIT Rahim Yar Khan**. The Tender shall not be considered without Earnest Money. Bank draft for Earnest Money should be placed with the Technical proposal.
- 5.4. Earnest Money for bidders not selected will be returned a minimum of two weeks after announcement of award and returned to successful bidder after signing the contract. If the selected bidder fails to sign the contract within stipulated time, Earnest Money will be forfeited.
- 5.5. A Bank draft of 5% of the total amount as **Performance Guarantee** will be provided by the supplier in favor of KFUEIT, Rahim Yar Khan within 10 days after decision of award of contract along with judicial stamp paper of the value 0.25 % of total cost which shall remain valid for 12 months beyond delivery period. This performance guarantee will be released after the completion of warranty/guarantee period, along with the satisfactory completion report by the inspection committee which will be intimated to the Seller and the Director Procurement KFUEIT, Rahim Yar Khan for their onward issuance of No Objection Certificate (NOC) for the release of performance guarantee.
- 5.6. The quantity of an order may vary depending on the quoted prices and the allocated funds.
- 5.7. The decision of the KFUEIT evaluation committee approved by Competent Authority will be binding on all concerned and will in no case be challenged in any forum.
- 5.8. KFUEIT Rahim Yar Khan reserves the right to modify the conditions / specifications of the Tender Document with written intimation to all the participants who have purchased the Tender Document.
- 5.9. Delivery period will be as per contract agreement and terms & conditions of purchase order/supply order.
- 5.10. Delivery shall be completed according to the agreed upon schedule as per contract agreement and terms & conditions of purchase order/supply order.
- 5.11. In case the selected bidder fails to execute the contract strictly in accordance with the terms and conditions laid down in the contract, the Performance Guarantee shall be forfeited.
- 5.12. The University will get the item inspected at KFUEIT Rahim Yar Khan and reject the item, if not found according to the stated specifications.

- 5.13.** The University reserves the right to claim compensation for the losses caused by delay in the delivery of equipment.
- 5.14.** It is the sole responsibility of the bidder to comply with local, national and international laws.
- 5.15.** In case any supplies is found not in conformity with the specifications provided in the tender, either on account of inferior quality, defective workmanship, faulty design, faulty packing or is short supplied, or wrongly supplied, the supplier will replace the same free of charges or pay the full cost of replacement.
- 5.16.** All the proposals submitted will become the property of the University.
- 5.17.** All prices should be valid for at least 120 days. Withdrawal or any modification of the original offer within the validity period shall entitle the KFUEIT Rahim Yar Khan to forfeit the Earnest Money in favor of the KFUEIT Rahim Yar Khan and/or putting a ban on the future inquires or taking any other suitable action against the bidder.
- 5.19.** Delivery of the items will be free of charge at Khwaja Fareed University of Engineering & Information Technology, Rahim Yar Khan during the office hours with a copy of Delivery Challan.
- 5.20.** Items/chemicals being ordered should be brand-new and according to order specification from the current production and covered under normal warranty/guarantee etc. as mentioned in the quote.

6. Tender Evaluation Criteria

All bids shall be evaluated on technical and financial merit. The Company Evaluation Criteria is attached at **Annex 'D'** for reference. Financial Evaluation process will be based on the consideration of the quoted price.

7. Undertaking

On behalf of the company it is certified that we agree to the all the Instructions and Terms & Conditions given in this Tender Document

Name of bidder.....

Authorized person.....

Authorized signature.....

Stamp.....

Office Address.....

Tel No

Fax No

Supply of Machinery & Equipment

Sr. No.	Specifications/Minimum Requirements	Required Quantity
01	<p>Thermal Evaporation System (Thin Film Coating System) with attached thickness monitor.</p> <p>Specification:</p> <ol style="list-style-type: none"> 1. Vacuum Chamber <ol style="list-style-type: none"> 1. ~32cm diameter, cylindrical bell-jar vacuum chamber made of Pyrex / stainless steel 2. All ports sealed with Viton O-rings 3. Reasonable Spare feedthrough ports on base plate. 4. External bell-jar “implosion” shield. 2. Vacuum Pumps <ol style="list-style-type: none"> 1. Oil diffusion pumps (preferred turbo molecular pump) backed with rotary pump. 2. Bellows connection, dust ‘and oil filter in the mechanical pump. 3. N₂/ Ar gas input, automatic “Vent”/ “backfill” system. 4. Chamber isolation valves and electronic control units, for vacuum protection. 5. Can achieves 10⁻⁶ Torr vacuum in ~30 minutes. 3. Vacuum Measurement and Control <ol style="list-style-type: none"> 1. ~1000 -10⁻¹⁰ Torr wide range vacuum gauge. 2. Vacuum gauge controller LCD real time digital display. 4. Sample holder with heater <ol style="list-style-type: none"> 1. Sample holder for various smaller size sample connection opportunity. 2. Sample heating facility. 3. Ability to adjust source-sample distance. 5. Electronic Units <ol style="list-style-type: none"> 1. Vacuum control and control of the vacuum operations: one touch vacuum-start-stop operation. 2. Electronic systems for automatic protection against electric power failure. 3. Two channels thickness gauge with Oscillator, including Quartz Crystal Monitor (QCM) holder. 6. Evaporation Sources <ol style="list-style-type: none"> 1. Resistive heating. 2. Two ~2500 W sequential evaporation source. 3. Ability to evaporate inorganic /organic materials from W, Ta, Mo, Al₂O₃ Boats and crucibles. 4. Automatic servo-controlled shutter unit for two sources. 	01

Sr. No.	Specifications/Minimum Requirements	Required Quantity
	<p>7. Film Thickness Measurement System</p> <ol style="list-style-type: none"> 1. Two channels thickness-rate controller. 2. Quartz Crystal Monitor (QCM) adjusted to measure coating rate and thickness from 4 sources sequentially. 3. Spare quartz crystal. 4. ~ 0.1Å/s measurement sensitivity for both channels. <p>8. System Desk</p> <ol style="list-style-type: none"> 1. Basket- weave SS sheet covered desktop. 2. Evaporation materials Cu, Al, Cr, Ag (10 gram each ,99.995 pure) for metal contacts. 3. Spare W, Mo, boats and baskets, and AL₂O₃ crucibles of different sizes. <p>9. Set-up, Training and Warranty</p> <ol style="list-style-type: none"> 1. set-up testing and training with some sources. 2. Technical support to run the system. 3. At least one- year full warranty for design materials and workmanship. <p>10. Equal or better</p>	
02	<p>UV-VIS-NIR spectrophotometer</p> <p>Specification:</p> <ol style="list-style-type: none"> 1. UV-VIS-NIR (Preferably Range: ~250nm to ~3000nm) 2. Optical system: Double /dual beam 3. Sample compartments: Dual for glass slides 4. UV/Vis resolution: ~0.05 nm 5. NIR resolution: ~0.25 nm 6. Light source guaranteed: ~7 years 7. Measurement technique: Absorbance, Transmission, reflectance 8. Software: Included 9. Additional: Attached with Desktop computer 10. Equal or better 	01
03	<p>Spin Coater</p> <p>Specification:</p> <ol style="list-style-type: none"> 1. ~100 RPM TO 10000 RPM attached RPM meter 2. Vacuum hold-down chuck 3. Equal or better 	01
04	<p>Laptop</p> <p>Specification:</p> <ol style="list-style-type: none"> 1. Apple MacBook Pro MPTT2HN / A 2. Ci7 /16GB/512GB SSD / Mac OS / 4 GB Graph) 3. Equal or better 	01

Supply of Machinery & Equipment
(Bid Form)

Sr. No.	Item Name	Total Qty.	Unit Price (inclusive of all taxes)	Total Amount (inclusive of all taxes)
01	Thermal Evaporation System (Thin Film Coating System) with attached thickness monitor	01		
02	UV-VIS-NIR spectrophotometer	01		
03	Spin Coater	01		
04	Laptop	01		
				TOTAL: _____
Total in Words: _____				

Company Evaluation Criteria

- i. Profile of company complete in all respect
- ii. List of Previous/Current customers, Purchase Orders of related Services with contact person and telephone/fax numbers.
- iii. Copy of National Tax Registration Certificate or Copy of Online Taxpayer Verification
- iv. Copy of Sales Tax Registration Certificate or Copy of Online Active Taxpayer
- v. Bank letter of financial standing /Bank Statement
- vi. An affidavit on Rs 100/- Stamp Paper issued after date of publishing of tender which illustrate that currently they are not black listed or de-barred by any Government/Semi-Government Department to participate in bidding. Failure to submit such affidavit may lead to disqualification.
- vii. Detailed item specifications or Services matched corresponding to the BOQ as given at **Annex 'A'**
- viii. Proposed delivery, response time, plan for rendering service
- ix. Signed and Stamped Complete Tender document
- x. Bank Draft of the Earnest Money attached with technical proposal

Note: Basic Evaluation Criteria is mandatory to fulfill to qualify for detailed evaluation. Failure to meet and submit all documents related to basic evaluation may lead to disqualification.

2. Detailed Evaluation

(Minimum Passing Score Required is 65 Points for qualifying to Financial Opening)

DETAILED EVALUATION CRITERIA FOR TENDER			
Specifications are available at Annex-A			
Sr. No	Item Name and Description	Marks	Max Marks
1	Past Performance/Experience of the Bidder (Reg. with GST/NTN) Attach copy of all supporting documents	--	10
1.1	1 – 3 year experience	2	--
1.2	4 – 8 year experience	4	--
1.3	9 – 15 years' experience	6	--
1.4	Above 15	10	--
2	Relevant Experience (Attach copy of all supporting documents)	--	10
2.1	1 – 5 years' experience	3	--
2.2	6 – 10 years' experience	6	--
2.3	11 and above year experience	10	--
3	Financial Position/ Status (Attach copy of all supporting documents)	--	10
3.1	Last sales tax paid Form	4	--
3.2	Bank Certificate (satisfactory) attach original bank certificate indicating financial status	2	--
3.3	Statement Worth (Min 2 m) attach all supporting documents	4	--
4	After Sale Services Available (Attach copy of all supporting documents)	--	10
5	Technical Evaluation of quoted items (Attach copy of all supporting documents)	--	60
5.1	Specification matched as provided in Annex-A	30	
5.2	Literature in printed shape attached	2.5	
5.3	Reliability	2.5	
5.4	Delivery schedule as per need	5	
5.5	List of clients / where this equipment delivered	5	
5.6	Satisfactory letter from clients in favour of such equipment	5	
5.7	Guarantee / Warranty (as the case may be)	5	
5.8	Provision of Training to concerned user	2.5	
5.9	Free Installation (if required) as per requirement	2.5	
Total		--	100