

Standard Bidding Documents
For
Procurement of chemical/equipment's in the project
titled:
“NRPU Funded Projects of Prof. Dr. Jawad Ahmad &
Dr. Saeed ur Rehman Projects”

MARCH 2022
KHYBER MEDICAL UNIVERSITY
PESHAWAR,
(KHYBER PAKHTUNKHWA)

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Khyber Medical University Peshawar

COMMITTED TO EXCELLENCE IN ACADEMICS & RESEARCH

TENDER ADVERTISEMENT

The employer /purchaser Khyber medical university (KMU), Peshawar invites sealed bids for medical reagent/equipment and chemical from the manufacturers/importers/authorized dealers/Sub dealers duly registered with the sale tax, income who are on **(ACTIVE TAX PAYER LIST OF FBR)**.

S. No	Description of Items	Method of Procurement Procedure
1.	Medical Reagent/ Equipment under HEC- NRPU Funded projects of Prof Dr. Jawad Ahamd and Dr. Saeed ur Rehman	Single stage two envelopes
<ul style="list-style-type: none">❖ The bidding documents including quantity, specification and detailed terms and conditions are available free of cost and may be downloaded from Khyber Medical University, Peshawar ORIC website www.oric.kmu.edu.pk.❖ The bid may be dropped in tender box placed in the KMU Administration Block, Peshawar positively by 14/04/2022 (10:00Hours)❖ Bids will be opened at the office of Chairman Purchase Committee, KMU on 14/04/2022 at 11:30AM by the Purchase Committee in the presence of bidders or their representatives.❖ Taxes will be deducted as per government rules.		
<p>Director ORIC(Admin Block)</p> <p>Khyber Medical University, Peshawar</p> <p>Phase-V, Hayatabad Peshawar, www.oric.kmu.edu.pk</p> <p>Phone: 091-9217258</p>		

Section – II TERMS & CONDITIONS / INSTRUCTIONS TO BIDDERS

1) Bidding Process:

Authorized dealers / Manufacturers / sub dealers shall be selected through an open competitive bidding process by single stage two envelopes procedure in accordance with Khyber Pakhtunkhwa Public Procurement Regulatory Authority (KPPRA) rules.

2) Eligibility Criteria:

Bidders must give compliance to the below mentioned clauses as these are mandatory to be eligible for the bidding process.

- a. Authorized dealers / Manufacturers / sub dealers must be registered with Income Tax, Sales Tax, having NTN and being reflected as active taxpayer on the list of FBR. Relevant certificates must be attached.
- b. The bidder shall provide an undertaking that the organization has not been declared as a black listed Authorized dealers / Manufacturers / sub dealers by any Governmental / Semi-Governmental institutions.

3) General Conditions:

- a. Sealed Envelope containing two envelopes clearly marked “Technical Proposal” and the other “Financial Proposal” must reach the Tender Box before the due date and time mentioned in tender. The tender should be in sealed cover envelop clearly written thereon “**quotations for -----**” the name of the supplier with full address and telephone/ fax number must be written on the back of the quotation. If the envelop is not sealed and marked as above, the University will not be responsible for misplacement or premature opening of bid
- b. All prices quoted must be mentioned in Pak Rupees (PKR) and must be inclusive of all applicable taxes. The rates should be mentioned in both words and figures. Rates with cutting or overwriting will be considered as nonresponsive. No tender with conditional, ambiguous and alternate price will be considered. Only one rate should be submitted for one item. If firm desires to offer more than one rates, he should purchase separate bidding

documents..

- c. KMU may increase or decrease quantities of items as per KPPRA rules.
- d. If the successful bidder fails to supply the specified items within the stipulated period, KMU reserves the right to award supply order to the 2nd (second) lowest bidder and forfeit bid security of the first lowest bidder.
- e. The payment will be released after inspection by KMU Technical / Inspection Committee and satisfactory report submitted by the end user. If any item is rejected by KMU Technical/Inspection Committee, the supplier will be bound to replace it within 03 days at his own risk and cost.
- f. A Call Deposit/Banker's Cheque /Pay Order equal to 2 % of the quoted value must accompany the bid otherwise bid will be considered as nonresponsive. The Call Deposit /Banker's cheque/pay order should be in favor of the Treasurer, Khyber Medical University, Peshawar. The Call Deposit amount should be deposited on formula as Unit price x qty required= b * 2 %. Cheques and insurance guarantees will not be accepted. The call deposits shall be verified before the preparation of comparative statements and if found fake, legal action will be taken against the firm as per rules. Each page of the bidding documents must be signed and stamped before submission to Khyber Medical University.
- g. Bid Security of bidders who do not technically qualify shall be returned without opening of their financial bid.
- h. Copies of registration with income tax, sales tax and clearance of Excise & Taxation department of Khyber Pakhtunkhwa. Income Tax, General Sales Tax and stamp duty will be deducted from the supplier as per government rules.
- i. Security @10% of the total bill of each will be deducted from the supplier at the time of payment. The 50% of retained security amount will be release after 06 month on receipt of satisfactory report from end user and remaining 50% after 01 year of supplies.
- j. The approved suppliers will be responsible for the replacement of spare parts free of cost during the guarantee period, which should be mentioned in the quotation and should be at least two years. In this regard a contract / agreement will have to be signed between the supplier and KMU.
- k. In case of fraudulent practice by the supplier, strict action will be taken against the supplier i.e. forfeit of security and call deposit amount and penalty.
- l. No partial payment will be made against partial supply/ delivery.
- m. The successful supplier will have to make an agreement on stamp papers for the supply of the items according to the Contract.

Section – III

Specification

Prof. Dr. Jawad Project Item List

Item #	Experimental consumables	Specs	Quantity
Consumables			
1	Mammalian cell tissue culture flasks (T-25)	Cell culture attachment	20 Packs
2	Falcon tubes 15ml (corning)	Centrifugation	20 Packs
3	Falcon tubes 50ml (corning)	Centrifugation and Media distribution	10 Packs
4	Surgical box	Cancer tissue cutting	3
5	0.22um filters	Media filtration	10 Packs
6	Hemocytometer	Cells counting	3
7	Face masks	Personal protection	5 Boxes
8	Gloves	Personal protection	30 boxes
9	Pipettes 5ml	Culture media transfers	15 Packs
10	Pipettes 10ml	Culture media transfers	15 Packs
TOTAL			
Equipments			
1	Liquid Nitrogen Container/Tank	For around 10k cryovials storage, capacity 50-100L	1
2	Portable Liquid Nitrogen Cylinder	Carrier refiller for refilling liquid nitrogen tank	1
3	ELISA 96-wells plate reader	Carrying all channels from 400nm to 650nm	1
TOTAL			
Cell Culture Reagents			
1	DMEM/F-12 (1:1)	Cells nutrient and growth	25 bottle
2	Collagenase, Type I, powder.	Tissue digestion	2 Bottles

3	bFGF Recombinant Human Protein	Cells growth enhancement	2 Vials
4	HBSS (no calcium, no magnesium)	Tissue washing	5 Bottles
5	PBS, pH 7.4.	Cells washing	15 Bottles
6	Insulin	cell culture standard	2 vials
7	Hydrocortisone	cell culture standard	2 vials
8	Fetal Bovine Serum	Growth supplement	5 Bottles
9	Trypsin-EDTA Solution 0.5% (10X)	Cells detachment from flask	5 Bottles
10	Hoechst 33558 mycoplasma stain	For infection detection	For 1000 tests
11	Crystal violet	Growth assays	2 bottles
12	Trypan Blue	Cells counting stain	2 Bottles
13	Ethanol sigma	Disinfecting surfaces	10 bottles of 2.5L
TOTAL			

Cancer Drugs and Inhibitors

1	Temozolomide, T2577	cell culture standard	500mg
2	Doxorubicin hydrochloride, D1515	cell culture standard	20mg
3	Paclitaxel (HPLC), powder,	cell culture standard	500mg
4	Cisplatin TCI	cell culture standard	500mg
5	Etoposide	cell culture standard	500mg
6	Methotrexate	cell culture standard	500mg
7	ABC-TPs Inhibitors	cell culture standard	100mg
TOTAL			

PCR Reagents

1	PCR Master Mix kit	PCR Reaction	500react
2	Sybr green PCR Master mix	PCR Reaction	500react
3	Taq DNA Polymerase	PCR Reaction	500U
4	RNA extraction kit	RNA extraction	5000tests
5	DNA extraction kit	DNA extraction	500Tests
6	Agarose	Gel electrophoresis	500g
7	Ethidium bromide	Gel electrophoresis	10mL
8	PCR grade water	PCR Reaction	500ml
9	PCR Tips 10ul	PCR Reaction	1000Pcs

10	PCR tube 0.2ml	PCR Reaction	1000Pcs
11	Eppendorf Tube 1.5ml	PCR Reaction	500Pcs
12	Tip boxes 10, 200 1000ul	PCR Reaction	1No each
13	EDTA tubes	PCR Reaction	100Pcs
14	TBE Buffer	PCR Reaction	1L
15	Tips (white, Yellow, Blue)	PCR Reaction	1000Pcs
16	Primers (F/R) for target genes	PCR Reaction	20 genes

Dr. Saeed ur Rehman Project Items

Equipment Name	Name	Details/Specifications	Quantity
<u>Electrospinning</u>	Container/ Container size	One door opening or two door opening	1
		Iron + anti corrosive coating	
		stainless steel	
		Rust-proof	
		Non scratchable	
	Power Supply	Output voltage: 0~ +50KV Input voltage: 220V Controllable	1
		Over Voltage, Current and short circuit Protection	
		Stable input and output Voltage and Current	
		Good anti electricity effect	
		Anti fluctuation system	
	Syringe Pump (2 channel or more)	Controllable syringe pump	1
		Various ml syringes can be applicable	
Controllable and automatic liquid speed			
Spinning distance			

		Motion System in X Y or Z axis	
	Collective Devices	Rotating (Drum) Collector of high quality	1
		Speed of rotating collector (Up to 1000 rpm or more)	
		Controllable	
		Plate Collector of high quality	1
		Controllable	
		Light source	LED, Halogen lamp, cold light source, clearly visible during spinning process
	Support system	Exhaust fan	1
		Dehumidifier	1
		UV disinfection Lamp	1
	Needles	Single syringe needles of all gauges	1 set of all gauges
		Coaxial needle or	1
		tri axial needle	1
Needles must be made of stainless steel			
Needles must be reusable			
Security system	Short circuit protection		
	Safety shut-off switches in access doors		
	Safety signs		
	Leak protection		
	waste gas emission		
	Cleaning system		

		Emergency stop	
	Accessories Required	Extra halogen LED light source	
		Glass syringe 5ml	2
		Glass syringes 10ml	2
		1 set of Needles with different gauges i-e 14, 16, 18 20, 22, 23, 25,27 gauges	1 set
		Syringe PP/PE having luer lock, Resistant to organic solvents. 5cc	200
		Syringe PP/PE having luer lock, Resistant to organic solvents. 10cc	200
		Tube collector	1
	Applications	Which can synthesize different kinds of nanofibers, microfibers, microspheres/nanospheres, etc.	
	UPS system	UPS system with Warranty	1
	Installation	Installation is must.	yes
		Training for handling and running the instrument.	yes
	Warranty of whole system	Warranty of whole system, minimum 1 year is required	yes

Consumables list Dr. Saeed ur Rehman Project

#	Name	Details/Specifications	Qt/pack	Quantity Required
1	Media	<i>Dulbecco's Modified Eagle Medium</i>	500ml	10 liters/20

				bottles
		α -Minimum Essential Medium	500ml	10 liters/20 bottles
		RPMI	500ml	5 bottles
2	Chemicals	Fetal Bovine Serum	500ml	1 bottle
		Penicillin-Streptomycin	100ml	2 bottles
		Dimethyl sulfoxide (DMSO)	100ml	3 bottles
		0.5% Trypsin-EDTA (10X)	100ml	2 bottles
		Dimethylformamide (DMF)	1000ml	1 bottle
		Chloroform	1000ml	1 bottle
		Formaldehyde	1000ml	1 bottle
		Triton 100	500ml	1 bottle
		Tween 20	100ml	1 bottle
		L-Ascorbic acid	100g	1 bottle
		B-Glycerophosphate	100g	1 bottle
		Ethanol	1000ml	5 bottles
		Methanol	1000ml	2 bottles
		Isopropanol	1000ml	1 bottle
		Potassium phosphate dibasic	500g	1 bottle
		Potassium phosphate monobasic	500g	1 bottle
		Calcium hydroxide	500g	1 bottle
				<i>Phosphate-buffered</i> saline tablets
3	Phalloidin	Rhodamine phalloidin: excitation/emission = 540/565nm)	300units/test	1 Pc
4	Polymer	Polycaprolactone (PCL)	500g	2 bottles

		Poly(D L-lactide-co-glycolide) (PLGA)	250 g	1 bottle
		Poly(3-hydroxybutyrate-co-3-hydroxyvalerate) (PHBV)	250 g	1 bottle
		Alginate	500g	2 bottles
		chitosan	500g	2 bottle
5	Drug	berberine	250g	1 bottle/pack
6	<i>Anti-VEGF Antibody, Alexa Fluor® 488 Conjugate</i>	Application: Flow Cyt, WB, FuncS, ICC/IF, sELISA Reactivity: Mouse, Rat, Cow, Human, Pig	100µl	1 vial
	β-Catenin antibody (Rabbit polyclonal to beta Catenin)	Application: Flow Cyt, WB, FuncS, ICC/IF, sELISA Reactivity: Mouse, Rat, Cow, Human, Pig	100µg or 100 µl	1 vial
	Alexa Fluor® 488 Anti-RUNX2 antibody	Application: Flow Cyt, WB, FuncS, ICC/IF, sELISA Reactivity: Mouse, Rat, Cow, Human, Pig	100µl	1 vial
	DSP Antibody (Rabbit polyclonal to DSPP)	Application: Flow Cyt, WB, FuncS, ICC/IF, sELISA Reactivity: Mouse, Rat, Cow, Human, Pig	100µl	1 vial
	Goat Anti-Rabbit IgG H&L (Alexa Fluor® 488)	Application: ICC/IF, Flow Cyt, IHC-P, ELISA, IHC-Fr	500µg	1 vial

	DAPI	Anti-fade Mounting Medium with DAPI	10ml	1 bottle
7	Stem Cells	Bone marrow derived human mesenchymal stem cells	ATCC	1 set
8	Kits	cDNA synthesis kit	250 rxn	2 kits
		Syber green master mix	250 rxn	2kits
		RNase free water		1L
		Movat Pentachrome Stain Kit	--	1 kit
9	Micropipette set	0.5-10ul adjustable micropipette	1per set	2 set each
		10-100ul adjustable micropipette		
		100-1000ul adjustable micropipette		
		1-10ml adjustable micropipette		
		Pipette Carousel Stand	1 per set	2 pc
		Ultra-jet Electronic Pipette Dispenser	--	1 pc
10	Plasticwares	6-well plates	50/box	200 plates/4 box
		T-75 flasks	10/pack	200PC/20pac
		T-25 flasks	10/pack	200PC/20pac
		35mm tissue culture plates	--	200pc
		24 well plates	50/box	100pc/ 2 box
		1.5ml cryovials	50pc/pack	500vials/10pc
		2ml Cryovials box 9*9		
		5ml Serological pipettes	200/box	2000 pipettes/100box
		1µl blue tips	1000/pack	10 pack
		200µl yellow tips	1000/pack	15 pack
		10µl white tips	1000/pack	8 packs

		1.5ml Eppendorf tubes	1000/pack	5 packs
		200µl micro tubes	1000/pack	1 pack
		0.2µm syringe filters	50/pac	100 /2 pac
		50ml falcon tubes	50/pac	5 pack
		15ml falcon tubes	50/pac	5 packs
		250ml graduated cylinder (plastic)	--	2pc
		500ml Graduated cylinders (plastic)	--	2pc
	Glassware	250ml Glass bottles with cap		20 bottles
		250ml beakers		10 PC
		500ml beakers		5 PC
		Gloves medium	10 boxes/pack	1 pack
		Gloves large	10 boxes/pack	1 pack
		Tissue paper rolls		5 rolls
		Para-film rolls		2 rolls
		Lab coat medium		3
		Lab coat large		3
		Aluminum foil	1 roll/pack	10 packs

Section – IV BID SUBMISSION FORM (Should also be submitted on company letter head too)

To

The Chairman
Purchase Committee
Khyber Medical University
Peshawar

Enclosed please find the offer to execute the contract of supply of laptops and photocopier in accordance with the conditions of agreement accompanying this bid for the price of Rs. _____ (Amount in figures) _____ (amount in words). We accept to supply the items mentioned in the supply order within _____ days on the rate approved by the purchase committee. . This bid and your written acceptance will constitute a binding contract between us. We understand that you are not bound to accept the lowest or any bid you receive. We hereby confirm that this bid complies with the validity of the bid required by the proposal documents. we are bound to make supply during the stipulated time of supply order at the rate approved.

1. Name of Supplier: _____
 Address of Supplier: _____
3. Phone Number of Supplier: _____
4. Fax No. _____
- 5 Name of the authorized person: _____
- 6 Signature: _____
- 7 Designation of authorized person: _____
8. Stamp of the Supplying Agency: _____
9. Dated: _____

BID Form

S. NO	Description of Items	Unit Price (Inclusive of all taxes)
1.		

Section – V

FORM OF CONTRACT AGREEMENT

This agreement made on this day _____ of _____2021 between the Khyber Medical University, Peshawar (herein after called the Purchaser) of the one part and _____(herein after called the Supplier) of the other part. Whereas the Purchaser invited bids for purchase of laptop and photocopier/viz _____ and has accepted a Bid by the Supplier for the supply of those equipment's/Machinery /Furniture/ Goods in the sum of Rupees _____(hereinafter called the Contract Price. NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. The following documents shall be deemed to form and be read as construed as part of this agreement viz:
 - a. The purchasers Notification to the Supplier of Award of Contract (Supply Order)
 - b. The form of Bid and the price schedule submitted by the Supplier;
 - c. APPENDICES to BID.
2. The successful supplier shall be bound to supply the required items at approved rates within 30 days for Local Items and 90 days for Imported Items of the receipt of supply order. In case of delay in supply within stipulated time the penalty @ 2% per week for first 15 days will be imposed and @ 4% per week onward for subsequent period.
3. The item if found sub-standard or if not according to specification shall be replaced free of cost by the Supplier.
4. The supplier shall be bound to deliver and install the approved equipment's at the Site of installation at their own cost. However, the pre-requisite for the installation will be provided by the University.
5. Strict action will be taken against the supplier in case of any fraudulent practice by the supplier.
6. The Supplier's request for payment shall be made to the Purchaser in writing, accompanied by invoices describing, as appropriate the equipment / machinery deliver upon full fill recent of all the obligations stipulated in the Contract. The payment to the supplier will be made from the by Purchaser after installation and inspection by technical committee and satisfactory report by end-users.

7. The Supplier is responsible for all taxes according to the laws of the Islamic Republic of Pakistan and Khyber Pakhtunkhwa Province.
8. The Supplier shall be responsible for deduction of 1% stamp duty while executing the contract as per Provincial Assembly Notification No. PA/NWFP/legis-1/2001/13723 dated 7/07/2007 regarding finance bill article No.22 (A) (B).
- 9. Warranty:**
 - 9.1 The Supplier warrants that all the good are new, unused and of the most recent or current models and that they incorporate all recent improvements in design and materials.
 - 9.2 The Supplier further warrants that the goods shall be free from defects arising from any act or omission of the Supplier or arising from design, materials and workmanship, under normal use in the condition prevailing in Khyber Pakhtunkhwa.
 - 9.3 The warranty shall remain valid for twelve (12) months after the goods have been delivered to and accepted by the Purchaser.
 - 9.4 The KMU shall give Notice to the supplier stating the nature of any such defects together with all available evidence thereof; promptly following the discovery thereof. The Purchaser shall afford all reasonable opportunity for the Supplier to inspect such defects.
 - 9.5 Upon receipt of such Notice, the supplier shall, within fifteen (15) days expeditionly replace the defective goods or parts thereof, at no cost to the Purchaser.
 - 9.6 If having been notified the Supplier fails to remedy the defects within the stipulated period, the purchaser may proceed to take within a reasonable period such remedial action as may be necessary, at the suppliers risk and expense and without prejudice to any other rights which the purchaser may have against the supplier under the contract.
10. The KMU Technical / Inspection Committee of University shall have the right to inspect / test the goods to confirm their conformity to the contract specification. The inspection and test may be conducted in the premises of KMU. The supplier shall provide all reasonable assistance, including access to drawings and production data, at no change to the Purchaser.
11. The purchaser may reject any equipment / machinery that fail to pass any test and / or inspection on do not conform to the specifications. The supplier shall replace the

rejected equipment at no cost to the Purchaser and shall repeat the test or Inspection.

1. Termination: Termination for default:

The Purchaser, without prejudice to any other remedy for breach of contract by notice of default sent to the supplier, may terminate the contract in whole or in part.

- I. If the supplier fails to deliver any or all of the goods within the period specified in the contractor.
- II. If the supplier fails to perform any other obligation under the contract.

In the event the purchaser terminates the contract in whole or in part, the Purchaser may procure, upon such terms and in such manner as it deems appropriate Goods or related services similar to those undelivered or not performed, and the Supplier shall be liable to the purchaser to any additional costs for such similar goods.

- a. If the supplier, in the judgment of the purchaser has engaged in corrupt and fraudulent practices in competing for or in executing the contract.

2. Assignment: The supplier shall not assign, in whole or in part its obligation under the contract.

Party – 1

Party – 2 (The Supplier)

(P-I)

Name of Supplier: _____

Address of Supplier: _____

Phone Number of Supplier: _____

Fax No. _____

Name of the authorized person: _____

Signature: _____

Designation of authorized person: _____

Stamp of the Firm: _____

Dated: _____

Witness No. 1

Name: _____

Witness No. 2

Name: _____

Signature: _____

Signature: _____

CNIC No: _____

CNIC No: _____

Section – VI DELIVERY TIME

1. The successful supplier / firm will be bound to supply the required items within 30 days the receipt of supply order for local items and 90 days for imported items. In case of delay in supply within stipulated time, penalty @ 1% per 15 days will be imposed for first 30 days and thereafter 2% per 15 days in the subsequent period.

Section – VII BIDS EVALUATION CRITERIA

The bids / proposals will be evaluated on the basis of technical proposal and financial proposal and will selected best lowest evaluated bidders on quality and cost method. A proposal shall be rejected during the technical evaluation if the bid does not fulfill the minimum specified requirements.

Section – VIII BID VALIDITY

The price bid will remain valid up to 06 months