

BIDDING DOCUMENTS

**TENDER NO. 16-20
PROCUREMENT OF REAGENTS / CHEMICALS AND PLASTIC WARE FOR
BIO-MEDICAL SCIENCES,
KING EDWARD MEDICAL UNIVERSITY, LAHORE.**

FINANCIAL YEAR (2019-20).



KING EDWARD MEDICAL UNIVERSITY, LAHORE



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TENDER NO. 16-20

**PROCUREMENT OF REAGENTS / CHEMICALS AND PLASTIC WARE FOR
BIO-MEDICAL SCIENCES,**

KING EDWARD MEDICAL UNIVERSITY, LAHORE.

FINANCIAL YEAR (2019-20).

UNDER PPRA RULES 2014(amended up to 30.11.2017).

Tender Fee:	Rs. 500/-
Last date of Issuance:	As per tender notice.
Receiving Date & Time:	As per tender notice.
Opening date & Time:	As per tender notice.
Venue:	<u>Patiala Block KEMU, Lahore</u>
Bid Security:	2% of estimated value in the shape of CDR in the name of Vice Chancellor, KEMU, Lahore (A copy with technical Proposal also).

PARTICULARS OF THE PARTICIPATING FIRMS

Name of Firm: -----

Complete Address: -----

Office Telephone /Fax No: -----

Name of authorized representative: -----

Cell No. of Authorized Representative: -----

CNIC No. (Copy attached): -----

Sales Tax Reg. No: -----

Income Tax No. (N.T.N): -----

Amount of Tender Fee deposited: -----
(Copy Attached)

(AFFIDAVIT MUST BE PROVIDED ON STAMP PAPER OF Rs. 20/-)

We M/S -----solemnly affirm that we are not suspended/Black listed/defaulters of any Government/Autonomous Institution at any time. We accept the terms & conditions of the bidding documents. In case of any violation of any of the terms and conditions, our security/call deposit may be forfeited. We further undertake that such an action of the administration shall not be challenged in any court of law.

We also confirm to abide by all the terms and conditions laid down in the bidding documents or any subsequent amendment made therein by the KEMU. Maintenance of equipment/items and replacement of the defective items / parts will be done without any cost during warranty.

**SIGNATURE OF THE BIDDER
STAMP**



KING EDWARD MEDICAL UNIVERSITY, LAHORE

TENDER NO. 16-20
PROCUREMENT OF REAGENTS / CHEMICALS AND PLASTIC WARE FOR
BIO-MEDICAL SCIENCES,
KING EDWARD MEDICAL UNIVERSITY, LAHORE.
FINANCIAL YEAR (2019-20).
UNDER PPRA RULE 38(2)(a)

TERMS & CONDITIONS

1. Sealed offers are invited from all manufacturers and authorized dealers/ distributors having good reputation for the purchase of above mentioned goods for King Edward Medical University, Lahore on F.O.R. basis on Turnkey (supply, installation, commissioning) according to the specifications attached with the bidding documents, as per schedule.
2. Tender should be addressed to the Vice Chancellor, King Edward Medical University, Lahore.
3. The following documents must be attached with the tender. Otherwise the tender shall be rejected without consideration: -

S. No.	KNOCK OUT CLAUSES	YES/NO	PAGE#
1	Original receipt for purchase of tender		
2	An affidavit on stamp paper of Rs. 20/- regarding acceptance of terms and conditions of the bid/contract, and not being blacklisted (as per sample).		
3	Original CDR of bid security (2% of estimated price) in the name of VC KEMU.		

The bid should be submitted, all pages numbered with an index, bound in pin.

4. The bid shall be received under the following PPRA rule:

Bidding Procedure 38(2)a Single Stage Two Envelopes:-

The bids shall be evaluated on technical and financial grounds and the procedure for single stage two envelopes shall be:

- a. The bid shall be a single package consisting of two separate envelopes, containing separately the financial and the technical proposals.
- b. The envelopes shall be marked as "Financial Proposal" and "Technical Proposal".
- c. In the first instance, the "Technical Proposal" shall be opened and the envelope marked as "Financial Proposal" shall be retained unopened in the custody of the procuring agency.
- d. The procuring agency shall evaluate the technical proposal in the manner prescribed in advance, without reference to the price and shall reject any proposal which does not conform to the specified requirements/specifications.
- e. During the technical evaluation no amendments in the technical proposal shall be permitted.

- f. After the evaluation and approval of the technical proposals by approving authority, the procuring agency shall open the financial proposals of the technically accepted bids, publically at a time, date and venue announced and communicated to the bidders in advance, within the bid validity period.
- g. The financial bids found technically nonresponsive shall be returned unopened to the respective bidders.
- h. The lowest evaluated bidder shall be awarded the contract.

Evaluation Criteria

A. Technical Evaluation

- a) Company's Profile & Performance
- b) Product/services specifications, manufacturer, model, authorization, warranty etc.

B. Financial Evaluation

Lowest rate

Company's Profile & Performance/Eligibility Criteria.

For the purposes of evaluation the word "Product" means the specific item included in the bid. Marking will be as follows:-

DO NOT FILL THIS FORM. JUST ATTACH THE REQUIRED DOCUMENTS. THIS IS A SAMPLE FOR YOUR INFORMATION.

Sr. No.	Parameters	Details	Total Marks	Remarks															
1.	Market experience / Business experience (Attach supporting documents in proof thereof)	<table border="1"> <tr> <td>I</td> <td>No experience</td> <td>0</td> </tr> <tr> <td>li</td> <td>Up to 1 year</td> <td>5</td> </tr> <tr> <td>lii</td> <td>1 – 3 years</td> <td>10</td> </tr> <tr> <td>lv</td> <td>3 – 5 years</td> <td>15</td> </tr> <tr> <td></td> <td>Above 5 years</td> <td>20</td> </tr> </table>	I	No experience	0	li	Up to 1 year	5	lii	1 – 3 years	10	lv	3 – 5 years	15		Above 5 years	20	20	
I	No experience	0																	
li	Up to 1 year	5																	
lii	1 – 3 years	10																	
lv	3 – 5 years	15																	
	Above 5 years	20																	
2.	Income tax & sales tax registration.	<table border="1"> <tr> <td>i</td> <td>Income tax registered</td> <td>5</td> </tr> <tr> <td>ii</td> <td>Sale tax registered</td> <td>5</td> </tr> </table>	i	Income tax registered	5	ii	Sale tax registered	5	10	Authorized certificate issued by the concerned Authority is required.									
i	Income tax registered	5																	
ii	Sale tax registered	5																	
3.	Company's capacity to provide after sales service. (Attach CVs of Technical Staff)	<p>Warranty will be examined as per following parameters:</p> <table border="1"> <tr> <td>I</td> <td>Good</td> <td>20</td> </tr> <tr> <td>li</td> <td>Acceptable</td> <td>10</td> </tr> <tr> <td>lii</td> <td>Average</td> <td>5</td> </tr> <tr> <td>lv</td> <td>Un-acceptable</td> <td>0</td> </tr> </table>	I	Good	20	li	Acceptable	10	lii	Average	5	lv	Un-acceptable	0	20				
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lv	Un-acceptable	0																	
4.	Company's goodwill & reputation. (Market reputation and/or KEMU experience).	<table border="1"> <tr> <td>I</td> <td>Good</td> <td>20</td> </tr> <tr> <td>li</td> <td>Average</td> <td>10</td> </tr> <tr> <td>lii</td> <td>Un-acceptable</td> <td>0</td> </tr> </table>	I	Good	20	li	Average	10	lii	Un-acceptable	0	20							
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li	Average	10																	
lii	Un-acceptable	0																	

5.	Valid Letter of Authorization from the Principal	i	Valid letter of Authorization from Principal/ sole propriety certificate etc.	10	10	
		ii	Not attached	0		
6.	Previous Performance regarding the product being quoted. (Attach relevant Purchase / Work orders)	Institutions served:			20	Institutions may include Private or Public Organizations or individuals.
		i	No institution served	0		
		ii	1	5		
		iii	2 to 4	10		
		iv	5 to 7	15		
		v	8 and above	20		

Total marks: 100

Qualifying marks: 65%

Product/Services Evaluation

1.	Acceptance of Make/manufacturer/model	i	No		Approved/Rejected
		ii	Yes		
2.	Conformation to desired specifications.	i	No		
		iii	Yes		

In case the procurement comprises different categories of goods, works or services the evaluation shall be item wise.

No offer will be considered if it:

- i. Is received after the date and time fixed for its receipt.
- ii. Is unsigned.
- iii. Is conditional.
- iv. Is given by a firm black listed, suspended or removed from any institution Public or Private in the Country.
- v. Is received with a validity period shorter than that specified in the bidding document.
- vi. Does not conform to the general conditions in the bidding documents.
- vii. Is received without the bid security as specified in bidding documents.
- viii. Is not duly signed by the bidder or the authorized representative.

General Terms.


1. No bidder shall be allowed to alter or modify his bid after the bids have been opened. However, the procuring agency may seek and accept clarifications to the bid that do not change the substance of the bid.
2. The bidder shall submit the bid indicating the goods to be supplied, a brief description of the goods, their packing, quantity, price schedule with unit price and total bid price of the goods.
3. Alternate offers without separate tenders will not be considered.
4. The bidder is required to offer competitive price. All prices must include the General Sales Taxes and other taxes/ duties, where applicable. If there is no mention of taxes, the offered/ quoted price shall be considered as inclusive of all prevailing taxes/ duties. The benefit of exemption from or reduction in the GST or other taxes shall be passed on to the procuring agency.

5. Prices shall be in Pak Rupee on FOR basis and in case of CPT/CFR in the currency of the country of origin.
6. If the bid acceptance within the bid validity period is not accepted by the bidder, the bid security shall be forfeited.
7. The successful bidder shall furnish a Performance Security equal to 5% of the bid value in the shape of Pay Order/CDR in the name of VC KEMU before the final order.
8. No interest shall be payable by the procuring agency on the securities.
9. The KEMU authorities, at any stage of the procurement may ask the contractors to provide information concerning their professional, technical, financial, legal or managerial competence whether already pre-qualified or not.
10. Failure to submit the tender in the manner prescribed in the invitation to tender may render the tender unacceptable.
11. The authority reserves the right of accepting the quantity offers fully or in part subject to technical scrutiny.
12. The offer should be strictly as per specifications of the tender.

SPECIAL TERMS

1. The equipment/machinery shall be supplied on "Turn Key" basis, meaning thereby that all the pre-requisites for the efficient working of the machinery to be supplied and installed by the contractor are fulfilled.
2. **The contractor may be required by KEMU authorities to get the sample of one or all the tender items approved prior to final purchase order.**
3. Vermin protection & Rodent proof measures shall be the responsibility of the contractor/supplier.
4. Downtime (the period during which a machine is out of action or unavailable for use) shall not be allowed beyond 12 hours. If it exceeds it will result in a deduction of 0.1% of the cost of purchase per day from security deposit and the contractor may face blacklisting.
5. **GUARANTEE CERTIFICATE.** The manufacturer/supplier shall submit a certificate at the time of delivery that the products being supplied are brand new, of latest approved model, absolutely free from material and manufacturing defects and are in accordance with the specifications given in the bidding documents. The contractor shall supply two copies of service manual.
6. The manufacturer/Supplier shall give an undertaking to provide the after sale services for a **comprehensive warranty period of Three Years (03 Years) from the date of Installation / commissioning etc.**
7. The inspection committee of King Edward Medical University, Lahore will conduct inspection of the supplied items.
 - a. If found substandard and not conforming to the specifications as per data sheet provided by the bidder, the same shall be returned for replacement at the cost of supplier.
 - b. If the supplier fails to replace the goods rejected by the inspection committee within the stipulated time, the goods thus supplied would be usurped, bid security fortified and proceedings for blacklisting initiated.
8. The transportation of the goods/equipment to their final destination shall be arranged and paid for by the contractor/supplier.
9. **LATE DELIVERY:** Supply should be done in accordance with the time schedule mentioned in the purchase order. In case of late supply, beyond the specified period, a penalty @ of 0.067 % per day of the cost of contract will be deducted from the final payment.

- 10. **INCIDENTAL CHARGES.** The supplier shall be responsible for all the incidental service charges including taxes. The procuring agency shall not pay any extra amount against any expenditure incurred, as the contract shall be construed as fixed amount and includes all costs.
- 11. A bidder quoting against this Invitation to bid shall be deemed to have read and understood the conditions thereof and the particulars of the stores required by the purchaser and their specification etc.
- 12. In case of a dispute, the decision of the Vice Chancellor, KEMU, Lahore shall be final.



The Vice Chancellor,
King Edward Medical University,
Lahore.



Dr. Mahmood S Choudhery, Ph.D.
Assistant Professor
Incharge Tissue Engineering Laboratory,
Advance Centre of Research in
Biomedical Sciences,
King Edward Medical University, Lahore

Culture media, chemicals and kits

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***USA/EU/Japan/UK**

S. No	Items/Description	Approximate Quantity Required per year
1.	*DMEM (without glucose) 500ml packing, Sterilized, without glucose, without glutamax and glutamine, without non-essential amino acids, with sodium pyruvate & Sodium bicarbonate	3 x500
2.	*MEM alpha modification media 500ml packing, Sterilized, low glucose, without glutamax & glutamine, without non-essential amino acids, with sodium pyruvate & Sodium bicarbonate	2x500
3.	Phosphate Buffered Saline Sterilized, powdered, 10x with Calcium and Magnesium	For 1 Liter
4.	Collagenase type 4 500mg packing, Powdered, sterilized	1g
5.	*Glucose cell culture grade Sterile, powdered,	100g
6.	Ethanol Absolute 2.5-liter in plastic bottle	20 bottles
7.	*Mesenchymal stem cells Neurogenic differentiation medium Complete kit containing basal medium and supplements etc	1 kits
8.	*cDNA synthesis kit	1x200
9.	2x PCR master mix	1x2 ml
10.	DEPC	1 bottle
11.	Primers	As per requirement
12.	DCFDA / H2DCFDA - Cellular ROS Assay Kit Complete kit including all components	1
13.	*Adipogenic differentiation kit for MSCs Complete kit containing basal medium and	1 kits

***USA/EU/Japan/UK**

supplements		
14.	*Osteogenic differentiation kit for MSCs Complete kit containing basal medium and supplements	1 kits
15.	*Chonrogenic kit for MSCs Complete kit containing basal medium and supplements	1 kit
16.	Streptozotocine	400mg
17.	Sodium Chloride (NaCl)	1x1KG
18.	Potacium Chloride (KCl)	1x1KG
19.	Sodium Phosphate	1x1KG
20.	Potacium phosphate	1x1KG
21.	Sodium Hydroxide	1x1KG
22.	Hydrochloric Acid	1x1L
23.	Paraformaldehyde	1 bottle

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**Plastic ware/disposable
38 2(a),CPT/FOR**

S. No	Items/Description	Approximate Quantity Required per year
1.	Tissue culture flasks 25cm ² ,Tissue culture treated,vented, Sterilized	1x 200
2.	Tissue Culture flasks 75cm ² ,Tissue culture treated, vented, sterilized	1x100
3.	Falcon tubes (15ml) Conical bottom tubes with cap, Graduated, Sterilized, must be in racks	10x50
4.	Falcon tubes (50ml) Conical bottom tubes with cap, Graduated, Sterilized, must be in racks	10x25
5.	Pipettes 1ml Individually wrapped, pre-sterilized	1x1000
6.	Pipettes 5 ml Individually wrapped,pre-sterilized	2x1000
7.	Micropipette tips without filter White for 10ul	2x500
8.	Micropipette tips without filter Yellow for 100ul	4x500
9.	Micropipette tips without filter Blue for 1000ul	4x500
10.	Syringe filter (0.22um) Individually wrapped,pre-sterilized	1x50
11.	Syringe filter (0.45um) Individually wrapped,pre-sterilized	1 x 50
12.	Filter assembly 250ml, individually wrapped, sterilized	12
13.	Cell strainer 70um, Individually wrapped,Sterilized	50

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Plastic ware/disposable
38 2(a),CPT/FOR

14.	Cell strainer 100um, Individually wrapped, Sterilized	50
15.	96-well plates Individually wrapped, pre-sterilized, culture treated, flat bottom	1 box of 100
16.	96-well plates Individually wrapped, pre-sterilized, culture treated, round bottom	1 box of 100
17.	48-well plates Individually wrapped, pre-sterilized, culture treated	1x50
18.	12-well plates Individually wrapped, pre-sterilized, culture treated	1 x100
19.	6-well plates Individually wrapped, pre-sterilized, culture treated	2 x200
20.	Eppendorf tubes 2ml, Sterilized, with caps	1 x1000
21.	Eppendorf tubes 1.5ml, Sterilized, with caps	1 x1000
22.	PCR tubes (strips caps)	2 boxes
23.	Eppendorf Storage Box For -20	5
24.	Gloves (small) powder free	10 boxes
25.	Gloves (large) Gloves powder free,	10 boxes
26.	Gloves (medium) Gloves powder free	10 boxes
27.	Parafilm Rolls with cutter	10
28.	Aluminium foil with cutter Aluminium foil with cutter	10
29.	Autoclave tape	1

Plastic ware/disposable
38 2(a),CPT/FOR

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	Autoclave tape roll	
30.	Laboratory Tissue papers	50 boxes
31.	6-well plate inserts (8um)	1pack of 50
32.	Carbon dioxide gas	25x10
33.	Nitrogen gas	25x10

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