



ରମାଦେବୀ ମହିଳା ବିଶ୍ୱବିଦ୍ୟାଳୟ, ଭୁବନେଶ୍ୱର  
Rama Devi Women's University, Vidya Vihar, Bhubaneswar  
Odisha-751022, Ph.no-0674-2542644, E-mail-pgcouncil@rdwu.ac.in  
Website- www.rdwuniversity.nic.in

No. 1268

Dt. 09/09/2020

**TENDER NOTICE FOR SUPPLY OF EQUIPMENTS and CONSUMABLES**

Rama Devi Women's University, Bhubaneswar invites sealed tenders from the manufacturers/authorised distributors or dealers/suppliers/firms with TIN/PAN/GSTIN/IT clearance for supply of equipment (Electrospinning Machine, Electric Dehumidifier and Hot Plate Magnetic Stirrer) and consumables (chemicals, plasticwares, glasswares, and miscellaneous items) under "two bid system" for the SERB Start-up Research Grant project (SRG/2019/001995) to the Dept. of Biotechnology. Tender papers with specification of the items for the project can be obtained from Rama Devi Women's University website [www.rdwuniversity.nic.in](http://www.rdwuniversity.nic.in). The tender should reach to Dr. Dillip Kumar Bishi, Assistant Professor, Dept. of Biotechnology, Rama Devi Women's University, Vidya Vihar, Bhoi Nagar, Bhubaneswar-751022 by 28/09/2020 through speed post/registered post/by hand. The authority reserves the right to accept/cancel any tender(s) without any reason thereof.

*SM Shankh*  
09/09/2020  
CHAIRPERSON, PG COUNCIL

Memo No. CPGC/.1269./dt.09/09/2020

Copy to Dr. D.K.Bishi, Asst. Prof. Biotech/Registrar/HOD, Biotech/OIC, Website-[www.rdwuniversity.nic.in](http://www.rdwuniversity.nic.in)/COF for information and necessary action.

*SM Shankh*  
09/09/2020  
CHAIRPERSON, PG COUNCIL

Memo No. CPGC/.1270./dt.09/09/2020

Copy to P.S to V.C for kind information of the honourable Vice Chancellor.

*SM Shankh*  
09/09/2020  
CHAIRPERSON, PG COUNCIL

## TERMS & CONDITIONS

1. Sealed quotations/tender filled in every respect must reach **Dr. Dillip Kumar Bishi, Assistant Professor, Dept. of Biotechnology, Rama Devi Women's University, Vidya Vihar, Bhoi Nagar, Bhubaneswar-751022** with copies of all relevant documents on or before **28/09/2020** (Monday) 3 PM by speed post/registered post/courier or by hand. Any clarification regarding tender before submission of tender document can be discussed with Dr. Dillip Kumar Bishi, Assistant Professor, Dept. of Biotechnology, Ph: 7318315481.
2. The prescribed tender documents should be submitted in one sealed envelope duly super scribed with "Supply of equipment and consumables for the SERB Start-up Research Grant project (Dr. Dillip Kumar Bishi)". This sealed envelope should contain 3 sealed envelopes marked A, B, & C as prescribed as under:
  - a. Envelope A containing the tender fee (Rs. 500/-) (non-refundable) and EMD (refundable amounting to 3% of the tentative price of the item) in the form of Demand Draft in favour of COMPTROLLER OF FINANCE, RAMA DEVI WOMEN'S UNIVERSITY payable at Bhubaneswar. (N.B: For purchase of items below Rs. 5 lakhs, there is no need to submit EMD. Also, for MSMEs tender fees and EMD, both are not required).
  - b. Envelop B containing the Technical Bid along with the supporting documents.
  - c. Envelop C containing the Financial Bid.
3. Incomplete tenders, amendments and additions to tender after opening or late tenders are liable to be ignored and rejected.
4. Bids will be opened in the presence of Bidders' authorized representatives who choose to attend on the specified date and time. The Bid shall be treated under two Bid System. Financial Bid shall be opened only for those bidders who have qualified in the Technical Evaluation.
5. The duly constituted committee appointed by the competent authority of Rama Devi Women's University, Bhubaneswar, reserves the right to select certain items (in single or multiple units) and reject the others or all mentioned in the Schedule. The same committee will also reserve the right to revise or alter the specifications before acceptance of any tender with prior notice on the University website.
6. Technical bid should contain brochure with detail technical specification of the items, information regarding the company/firm registration details, PAN/TAN/GSTIN, Authorization letter from manufacturer (in case of dealer/s for the said item), income tax

and GST/sales tax clearance certificates, Self-attested photocopy of annual turnover, Audited Balance Sheet, experience and other details of the firm to judge the suitability of the bidder.

7. A document listing similar installation and maintenance certificates (in case of equipment) from the competent authority of the concerned organizations should be enclosed with the technical bid.
8. The financial bid should contain details of items including the quoted price along with all taxes and charges if any.
9. The total cost of the item should be clearly mentioned and should not be left to us for calculation. The total cost should be calculated as per the following example:

Item No.	Item Name	Qty	Unit Price	Total Price	Taxes and duties (if any) with rate & details	Delivery charges Other charges (if any)	Final Price F.O.R.at Rama Devi Women's University. All inclusive
1							

10. After sales service along with technical assistance and warranty period and annual maintenance charges for the supplied items (Equipment) after the expiry of the warranty period must be mentioned clearly.
11. The supplier must ensure the delivery, installation and commissioning of the items (equipment) within 30 days and supply of consumables within 10 days from the date of release of purchase order. Since it is a govt. organization, no advance payment is possible.
12. The University reserves the right to reject any or all the bills without notice or without assigning any reason

Chairperson, PG Council  
RAMA DEVI WOMEN'S UNIVERSITY  
Vidya Vihar, Bhubaneswar, Odisha

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Rama Devi Women's University, Bhubaneswar  
(To Be Filled By the Vendor/ Bidder)

1. Nature of the item :
2. Name of the Vendor:
3. Full Address of the Vendor:
4. Telephone/ Mobile No.
5. Fax. No. (If any)
6. Registration No. of Firm
7. PAN
8. VAT/CCT Registration No.
9. Details of the D.D.
  - a) for **Tender Fee (Non-refundable)**: D.D. No. \_\_\_\_\_ dated \_\_\_\_\_  
drawn from the bank \_\_\_\_\_
  - b) for EMD (**Refundable**): D.D. No. \_\_\_\_\_ dated \_\_\_\_\_ drawn from  
the bank \_\_\_\_\_

Seal and Signature of the bidder/Vendor

## TECHNICAL SPECIFICATIONS SECTION

The technical specifications for all the Instruments are being placed under this tender have been detailed in the following Annexure (one annexure for each Instrument / Equipment; this will also include all the components of a particular instrument / equipment that are being bid for).

### List of Instruments/Equipments/consumables:

Sl no.	Equipment/Consumables	Annexure	Quantity
1	Electrospinning Machine	Annexure I	1
2	Electric Dehumidifier	Annexure II	1
3	Hot Plate Magnetic Stirrer	Annexure III	1
4	Chemicals, plasticwares, glasswares & miscellaneous items	Annexure IV	As mentioned in Annexure-IV

### Annexure - I

#### ITEM: ELECTROSPINNING MACHINE

#### Detailed specification

1	High Voltage Power Supply	<ul style="list-style-type: none"> <li>a) Variable from 0 to 40KV Max Current 0.4mA</li> <li>b) With DIGITAL voltmeter &amp; Microammeter for voltage and current display.</li> <li>c) Static Removal Device Shorting Stick</li> </ul>
2	Syringe Dispenser Syringe Pump 1	<ul style="list-style-type: none"> <li>a) <b>To dispense from 1 no.</b> Standard Syringes 2,5 &amp; 10 ml</li> <li>b) Fabricated using insulated material and minimal metallic components to work under high voltage conditions and to avoid electric field distortions around the unit</li> <li>c) Motor control thro' programmable micro controller to control and indicate flow rate &amp; syringe type. Panel Mounted Control.</li> <li>d) Minimum Dead Volume 0.4ml</li> <li>e) Syringe volume 2,5,10 and 20ml</li> <li>f) Flow rates 0.05ml/hr to 100ml/hr.</li> <li>g) Flow rate dependent on syringe type</li> <li>h) Motor torque 2kgcm</li> <li>i) Standard needles can be fitted to syringes.</li> </ul>
	Syringe Pump 2	<ul style="list-style-type: none"> <li>a) All specifications are same as Pump 1</li> <li><i>Two pumps should be provided for spinning Core-Sheath (Co-Axial) Spinning where two different flow rates are to be set for core and sheath.</i></li> </ul>
	Coaxial spinneret	<ul style="list-style-type: none"> <li>a) Spinneret for coaxial spinning</li> <li>b) Chemical resistant Tubing to connect syringe with spinneret – 10 meters</li> </ul>
	Multi nozzle	Multi nozzle spinneret with 5 needles
3	Spinning Arrangement	Horizontal & Vertical Arrangement
4	Drum Collector	Length 125 mm dia 50 mm Rotating Speed 500 – 4000 RPM
	Plate Collector	125 x 125 mm

5	Distance Adjustment	Manual adjustment of distance between Syringe and Collector 0 to 250 mm
6	Cabin Heating Temperature	Provision to heat cabin up to 40°C Digital Display of Cabin Temperature & Humidity
7.	Spares	a) Standard Disposable syringes of 2,5 and 10ml 100 nos. each b) Aluminum Foils 100 nos. c) Necessary Cables and Connector d) Rubber mat for Electrical Insulation e) Gloves for user safety while handing corrosive chemicals
8	Electrospinning Enclosure  Safety & Additional Features of Cabinet  Table Top Instrument	Aluminum Strut frame with glass/polycarbonate clear panel on the Left side and front doors. All other panels to be made of Epoxy based insulated material and aluminum sheets  a) With Static removal device – Residual Charge Discharge Stick b) Safety switch to switch off H.V. Power supply when door is opened. c) Hazard lamp to indicate that H.V. Power supply is on. d) Proper cabin lighting e) Back Light to view Needle tip f) Exhaust Fan-ventilation g) Emergency Stop. h) Rubber floor mat for user safety
9	Warranty	Minimum 1 Year for Electrospinning Apparatus.
10	PANEL MOUNTED CONTROLS	All components to be operated using panel mounted controls. No Computer or software is to be required for operation of the equipment.

## Annexure - II

### ITEM: ELECTRIC DEHUMIDIFIER

#### Detailed specification

- mini-capacity, electric petite compact dehumidifier
- Standard 110V power supply
- Peltier Technology (no compressor)
- Color: white
- Suited for space upto 1,100 cubic feet
- Item Weight: 454 g
- Product Dimensions: 16.2 x 27.9 x 13.3 cm
- Gathering approximately 8 oz. of water per day at 86° F and 80% R.H
- A power adapter of 9V DC 2.5AMP
- power consumption of 22.5W
- 16 oz. capacity removable water tank
- an automatic water level detector switch to indicate tank is full

## Annexure-III

### ITEM: HOT PLATE MAGNETIC STIRRER

- Capacity: 10 Liters

- Set up Plate Material: Ceramic Coated Stainless Steel
- Heater Temperature: Ambient to 320 °C
- Variable Speed: 200-2200 RPM In steps of 10RPM
- Run Time: 1-999 mins and infinite
- Set-up Plate Dimensions (mm): 140mm
- Weigh of Instrument: 2.2 kg
- Dimension: 156 x 248 x 104
- Protection Class: IP 21

#### Annexure-IV

### ITEMS: CHEMICALS, GLASSWARES, PLASTICWARES AND MISCELLANEOUS LABORATORY ITEMS

#### Quantity: As per list

SL NO.	ITEM DESCRIPTION	MAKE	CAT NO.	QTY.
1	Zinc oxide, nanopowder, <50 nm particle size (BET), >97%	Sigma	677450-5G	4
2	Gedunin, St-20degC	Cayman	17328-1mg	6
3	Poly (L-Lactic Acid), IV 5.0 dl/g	Genetix (Polysciences Inc.)	18582-10g	2
4	Dimethyl sulfoxide, ReagentPlus®, >99.5%	Sigma	D5879-100ML	1
5	Dichloromethane, biotech. grade, 99.9%	Sigma	494453-1L	3
6	Hexamethyldisilazane, reagent grade, >99%	Sigma	440191-100ML	1
7	Diluent for DNA Extraction	Himedia	MB228-500ML	6
8	Methanol, Hi-AR™	Himedia	AS059-500ML	10
9	Aluminium Foil- 1 roll			15
10	Tissue Paper -1 roll			10
11	Non-Absorbent Cotton Wool	Himedia	LA1017-1NO	5
12	HANDS ON -™ Super Soft Nitrile Examination Gloves 9.5" Length-4 mil thickness	Tarson	370110	2
13	Chloroform, ReagentPlus®, >99.8%, contains 0.51.0% ethanol as stabilizer	Sigma	132950-1L	1
14	Coverslip (Round)-12mm dia (100/pack)	Genetix	20012	1
15	Micro Spin Magnetic Stirrer Bar - 2x6mm, 3x10mm, (1 set consiiting 5 of each size)	Tarson	4160	1
16	Microtips, 200-1000ul (500/pkt)	Tarson	521020	1
17	Microtips, 2-200ul (1000/pkt)	Tarson	521010	1
18	Beaker- 500ml	Borosil	1000D	5
19	Beaker- 100ml	Borosil	1000D	5
20	Conical Flask- 250ml	Borosil	4980	5
21	Formaldehyde sol 37 - 41%, Hi-AR™	Himedia	AS127-500ML	1
22	Deionised Water- 5ltr			1
23	Graduated Pipette- 10ml	Borosil		20

24	Handypette Pipette Aid- 10ml (4/pkt)	Tarson	32000	1
25	Microscope Slides, 76x26x1mm, (50/pkt)	Borosil	91000	1
26	24 well Plate, well dim-15.50 x 17.50 (50/pkt)	Genetix	30024	1
27	SPINWIN -TM Centrifuge Tube Conical Bottom-15ml (500/pkt)-Falcon tube	Tarson	546021	1
28	SPINWIN -TM Centrifuge Tube Conical Bottom-50ml (500/pkt)-Falcon tube	Tarson	546041	1
29	Galss Reagent Bottle with screw cap-10ml	Borosil	1501	1
30	Glass Funnel- 65mm dia	Borosil	6140	2
31	Pasteur Pipette- 3ml (500/pkt)	Tarson	940050	1
32	Sample Container- 100ml (280/pkt)	Tarson	510000	1
33	Conical Centrifuge Tube Rack	Tarson	241080	1
34	Parafilm M- 2"x250'	Tarson	380010	1
35	N95 Particulate Respirator with exhalation valve (10/pkt)	Tarson	800070	1
36	Vaccum Desiccator (with Knob), PP/PC -200mm	Tarson	403020	2



# RAMA DEVI WOMEN'S UNIVERSITY

## TENDER FORM (Techno Commercial un-priced Bid)

Tender No.....

To

The \_\_\_\_\_

\_\_\_\_\_

Dear Sir,

1. I/We hereby offer to supply the items as listed in the schedule to this tender hereto/portion thereof as you may specify in the acceptance of Tender at the price given in the said Schedule and agree to hold this offer open for a period of 180 days from the date of opening of the tender. I/we shall be bound by a communication of acceptance issued by you.
2. I/We have understood the Instruction to bidders and Conditions of Contract in the form as enclosed with the invitation to the tender and have thoroughly examined the specifications quoted in the Schedule hereto and am/are fully aware of the nature of the goods required and my/our offer is to supply the goods strictly in accordance with the specifications and requirements.
3. A crossed Bank Draft in favour of the Comptroller of Finance, Rama Devi Women's University, Bhubaneswar for Rs..... (Rupees.....only) as Tender Fee is enclosed. The Draft is drawn on .....Bank payable at Bhubaneswar.
4. The following have been added to form part of this tender.
  - a) Schedule of requirements, quoting the make only duly signed and stamped (without indicating price)
  - b) Copy of registration certificate of the firm.
  - c) Copy of PAN/TAN/GSTIN.
  - d) Copy of last audited balance sheet.
  - e) Authorization letter from the manufacturer (if the items are quoted by a vendor).
  - f) Any other enclosure. (Please give details)

5. We undertake to execute all orders which have been placed to meet emergent requirements on priority basis.

6. Certified that the bidder is:

a) A sole proprietorship firm and the person signing the bid document is the sole proprietor/constituted attorney of the sole proprietor,

**OR**

b) A partnership firm, and the person signing the bid document is a partner of the firm and he has authority to refer to arbitration disputes concerning the business of the partnership by virtue of the partnership agreement/by virtue of general power of attorney.

**OR**

c) A company and the person signing the document is the constituted attorney.

(NOTE: Delete whatever is not applicable. All corrections/deletions should invariable be duly attested by the person authorized to sign the bid document).

7. We do hereby undertake that, until a formal notification of award, this bid, together with your written acceptance thereof shall constitute a binding contract between us.

Yours faithfully,

(Signature of bidder)

Dated this day of \_\_\_\_\_

Address...

.....

.....

Telephone:\_\_\_\_\_

FAX\_\_\_\_\_

E-mail\_\_\_\_\_

Company seal

**RAMA DEVI WOMEN'S UNIVERSITY**

**TENDER FORM  
(Priced Bid)**

To  
The \_\_\_\_\_

Ref: Tender No ..... Dated-----

Sir,

Having examined the bidding documents and having submitted the techno commercial un priced bid for the same, we, the undersigned, hereby submit the priced bid for supply of goods and services as per the schedule of requirements and in conformity with the said bidding documents.

- We hereby offer to supply the Goods/Services at the prices and rates mentioned in the enclosed schedule of price.
- We do hereby undertake that, in the event of acceptance of our bid, the supply of Goods/Services shall be made as stipulated in the schedule of requirement and that we shall perform all the incidental services.
- The prices quoted are inclusive of all charges net F.O.R University.
- We agree to abide by our offer for a period of 180 days from the date fixed for opening of the bid documents and that we shall remain bound by a communication of acceptance within that time.
- We have carefully read and understood the terms and conditions of the bid document and we do hereby undertake to supply as per these terms and conditions. The Financial Deviations are only those mentioned in the statement of deviations from financial terms and conditions.
- Certified that the bidder is:

A sole proprietorship firm and the person signing the bid document is the sole proprietor/ constituted attorney of sole proprietor,

**Or**

A partnership firm, and the person signing the bid document is a partner of the firm and he has authority to refer to arbitration disputes concerning the business of the partnership by virtue of the partnership agreement/by virtue of general power of attorney,

**Or**

A company and the person signing the bid document is the constituted attorney.

(NOTE: Delete whatever is not applicable. All corrections/deletions should invariably be duly attested by the person authorized to sign the bid document.)

We do hereby undertake that, until a formal notification of award, this bid, together with your written acceptance thereof, shall constitute a binding contract between us.

Dated this day of\_\_\_\_\_

**Signature of Bidder**

Details of enclosures

**Full Address:**

**Fax No.**

**E-mail:**

**COMPANY SEAL**

**Price Schedule "A"**

**E.M.D.** \_\_\_\_\_

**D.D. Details** \_\_\_\_\_

**Bank Name** \_\_\_\_\_

**Date** \_\_\_\_\_

**ELECTROSPINNING MACHINE**

Item No.	Item Name & Description	Qty	Unit Price	Total Price	Taxes and duties (if any) with rate & details	Delivery charges Other charges (if any)	Final Price F.O.R.at Rama Devi Women's University. All inclusive
1							

**ELECTRIC DEHUMIDIFIER**

Item No.	Item Name & Description	Qty	Unit Price	Total Price	Taxes and duties (if any) with rate & details	Delivery charges Other charges (if any)	Final Price F.O.R.at Rama Devi Women's University. All inclusive
1							

**HOT PLATE MAGNETIC STIRRER**

Item No.	Item Name & Description	Qty	Unit Price	Total Price	Taxes and duties (if any) with rate & details	Delivery charges Other charges (if any)	Final Price F.O.R.at Rama Devi Women's University. All inclusive
1							

**CONSUMABLES including chemicals, glasswares, plasticwares and miscellaneous items**

Sl no.	Cat no.	Description	Make	Unit Price	Qty	Discount (%)	Discounted price	GST (%)	GST value	Final price
1										

**Total No. of Item(s) quoted** \_\_\_\_\_

**Seal and Signature of the bidder**

**DECLARATION REGARDING BLACKLISTING / DEBARRING FOR  
TAKING PART IN TENDER.**

(To be executed & Attested by Public Notary / Executive Magistrate on Rs. 50/- non judicial  
Stamp paper by the bidder)

I / We \_\_\_\_\_ Manufacture / Partner(s)/ Authorized Distributor /agent  
of M/S. \_\_\_\_\_ hereby declare that the  
firm/company namely M/s. \_\_\_\_\_ has  
not been blacklisted or debarred in the past by Union / State Government or organization  
from taking part in Government tenders in India.

Or

I / We \_\_\_\_\_ Manufacture / Partner(s)/ Authorized Distributor / agent  
of M/s. \_\_\_\_\_ hereby  
declare that the Firm / company namely  
M/s. \_\_\_\_\_ was blacklisted or  
debarred by Union / State Government or any Organization from taking part in Government  
tenders for a period of \_\_\_\_\_ years w.e.f. \_\_\_\_\_ to \_\_\_\_\_.  
The period is over on \_\_\_\_\_ and now the firm/company is entitled to take part in  
Government tenders.

In case the above information found false I / we are fully aware that the tender / contract will  
be rejected / cancelled by the Rama Devi Women's University.

In addition to the above, Rama Devi Women's University, will not be responsible to pay the  
bills for any completed / partially completed work.

Name \_\_\_\_\_

Address \_\_\_\_\_

\_\_\_\_\_

Attested:

(Public Notary / Executive Magistrate)

## Check list for Terms and Conditions:

**To be filled by the bidder and submitted along with the Technical Bid.**

Sl no.	Terms and Conditions as per bidding documents	Attached (Yes/No)	Page no.	Remarks
1	Is tender fee attached?			
2	<b>Status of Bidder:</b> <ul style="list-style-type: none"><li>• Manufacturer or Authorized Agent of the Manufacturer</li><li>• Whether Public Undertaking, Public Ltd., Private Ltd. Company or Proprietary Firm. Whether registered under SSI</li></ul>			
3	Statements of annual turnover			
4	Whether rates quoted are inclusive of all taxes or not.			
5	Affidavit to the effect that the bidder is not blacklisted by any Govt. agency or have no pending case either Civil or Criminal against them.			
6	<b>Compliance Statement</b> with relation to the technical specification as mentioned in the bidding document duly supported by the original catalogue.			