TAMIL NADU Dr. J. JAYALALITHAA FISHERIES UNIVERSITY

No. 29/Dr. MGR FC&RI/TANII/TNJFU-MC/2020 **Date: 08.01.2020**

TENDER NOTICE

TENDER FOR THE SUPPLY OF ULTRA CENTRIFUGE AND ACCESSORIES INCLUSIVE OF UPS (1 NO.)

TANII SCHEME, STATE REFERRAL LABORATORY FOR AQUATIC ANIMAL HEALTH, TNJFU-MADHAVARAM CAMPUS, Dr. MGR FISHERIES COLLEGE AND RESEARCH INSTITUTE, PONNERI – 601 204, TAMILNADU

No. 29/Dr. MGR FC&RI/TANII/TNJFU-MC/2020, dated .01.2020

Sealed Tenders (Two covers system – Technical and Commercial bids separately) are invited from firms of standing, who are actual manufacturers, accredited distributors of such manufacturers for the supply of Ultra centrifuge and accessories inclusive of UPS (1 No.)

GST / IGST Reg. No. should be furnished.

Tender schedule containing detailed specifications of the above equipments and terms and conditions can be had from The Dean, Dr. MGR Fisheries College and Research Institute, Ponneri – 601 204 on payment of Rs. 100/- (Rupees one hundred only) by means of demand draft drawn in favour of The Dean, Fisheries College and Research Institute, Ponneri, payable at Ponneri from **21.01.2020**. The last date for the receipt of requisition for the supply of tender schedule will be **04.02.2020 at 3.00 pm.**

The tender schedule may also be downloaded from the university website www.tnjfu.ac.in which case, the cost of tender schedule ie. Rs. 100/- (Rupees one hundred only) in the form of Demand Draft, may be sent to the Dean, Dr. MGR Fisheries College and Research Institute, Ponneri – 601 204.

The sealed covers superscribed as "Tender for the supply of Ultra centrifuge and accessories inclusive of UPS (1 No.)" should be addressed to The Dean, Dr. MGR Fisheries College and Research Institute, Ponneri – 601 204, Tamil Nadu, so as to reach on or before 06.02.2020 at 4.00 pm and Technical bid cover will be opened on 07.02.2020 at 11.00 am and scrutinized and the commercial bid cover will be opened on 12.02.2020 at 11.00 am in the presence of such of those tenderers of their authorized representatives as may be present.

The right of rejecting any (or) all tenders without assigning any reasons thereof is reserved by the Dean, Dr. MGR Fisheries College and Research Institute, Ponneri – 601 204, Tamil Nadu. Further particulars, if any required, can be obtained from the Dean, Dr. MGR Fisheries College and Research Institute, Ponneri – 601 204.

8/1/20

Dean
Dr. MGR FC&RI
Ponneri.

8/1/2020

TAMIL NADU Dr. J. JAYALALITHAA FISHERIES UNIVERSITY
STATE REFERRAL LABORATORY FOR AQUATIC ANIMAL HEALTH,
TNJFU-MADHAVARAM CAMPUS, Dr. M.G.R. FISHERIES COLLEGE AND RESEARCH INSTITUTE, PONNERI – 601 204, TAMIL NADU.

TENDER SCHEDULE

Tender for the supply and installation of Ultra centrifuge and accessories inclusive of UPS (1 No.).

Issued to :

Dean,
Dr. M.G.R. FC&RI,
Ponneri – 601 204,
Tamil Nadu.

Sl.No.	No. of Unit required	Particulars of the equipment	Rate in Figures & Word	Unit in Figures & No.	Total
1.	One	Ultra centrifuge and accessories inclusive of UPS			

Technical Specification for Ultra Centrifuge and accessories inclusive of UPS

- Minimum speed - 75,000 rpm and above.
- Maximum RCF - 5,00,000 x g. and above
- Acceleration/Deceleration Profile: 10/11
- Speed control accuracy should ±2 rpm (above 1000 rpm).
- Maximum capacity of the centrifugation volume - atleast 1500ml.
- Temperature / cooling control system - CFC free.
- Temperature set range - 0 to +40° C.
- Temperature accuracy ±0.5 °C
- Maximum heat output - 1kW.
- Programmability - Programs with step-runs.
- Run log database - to be recorded in onboard memory.
- Control panel - Touch screen.
- Timer with 1 minute to 999 hours 59 min (with 1 min increments) with HOLD function.
- Type of vacuum system to be indicated.
- Details of the drive system.
- Noise level - At least less than 53 dBA.

- The Power: 210 – 240 VAC, 50 Hz,30A.
- UPS with 2.5 to 3 hours backup to support the equipment.
- Warranty for a) Unit – minimum one year. b) Drive minimum 10 Years (Non-prorated).

Accessories to be supplied along with instrument:

1. Fixed angle rotors
   - ❖ 6 x 90-100ml rotor (at least a minimum of 45,000 rpm).
   - ❖ 12 x 35-40ml rotor (at least a minimum of 50,000 rpm).
   - ❖ Sealing tool for the tubes to be provided.

2.Swinging bucket rotor
   - ❖ 6 x 13-15ml rotor (at least a minimum of 40,000 rpm and above).
   - ❖ 6 x 35-40ml rotor (at least a minimum of 29,000 rpm and above).

a) The rotors should be made of corrosion-free and fatigue-free material with 15 years warranty for all the rotors to be provided.
b) Warranty for the refrigeration system.
c) The rotor and adaptors should be provided with the corresponding tubes/ bottles (100 nos.) gradient marker and tube sealers for the rotor should be provided.
d) Should have atleast upgradation provision with rotors for higher rpm / rcf.
e) Other required accessories that are needed for the functioning of the equipment should be provided.
f) Certification of all of the above components with CE, cCSAus and for product safety.
g) The vendor should have proven service capabilities and should enclose the list of end users with address and other contact details.
h) The equipment should have an upgradable feature for remote / network control as an optional feature if available.
i) Desktop/Laptop computer for data acquisition system 1 No.
j) Multiple control panel languages.
k) Costing for the accessories, adaptors and tubes to be indicated separately in the quote, which are also the part of the equipment provided.

* Other desirable but not essential features.

Flexibility to accept rotors of other makes.

SPECIAL CONDITIONS

- Price may be quoted in Indian / foreign currencies (along with its equivalent in Indian Rupees) for the main equipment and the accessories inclusive of all the prices for the delivery at our site.
- Price and taxes should be quoted separately.
- Five years warranty from the date of installation & commissioning including spares, unlimited break down visits and two preventive maintenances every year should be included.
- Accessories and other sources may be from own source or from third party producers.
- Such third party manufacturers of accessories who fulfill the general conditions furnished above should be included in the tender.
- Five years warranty period should cover all third party accessories quoted.
- The manufacture of the third party accessories should have sales and service network in Tamilnadu.

- Service and AMC policies of the third party accessories should be given in the technical bid of the tender.
- Application training should be provided to our faculty and research personnel in the reputed and recognized application facility at free of cost.
- Other service conditions are given with separate sheet attached with the schedule.
- Specification sheet – A detailed specification sheet highlighting all above specifications along with detailed experimental conditions must be attached.
- User list – The details of the number of installations of similar application with similar instruments to be enclosed.
- Training – Operational & Application Training should be provided during demonstration in our lab after the Installation.

Dean,
Dr. M.G.R. FC&RI,
Ponneri – 601 204,
Tamil Nadu.

TENDER FORM AND CONDITIONS

No. 29/Dr. M.G.R. FC&RI/TANII/TNJFU-MC/2020 **Date: .01.2020**

I. GENERAL:

Last date for submission of tender is 06.02.2020 up to 3.00 P.M. Technical bid cover will be opened on 08.02.2020 at 11:00 AM and scrutinized and the commercial bid cover will be opened on 12.02.2020 at 11:00 AM. Tenderers should state in the body of their letter whether they are:

i) Manufacturers
ii) Manufacturer's Authorized Agents
iii) Holders in stock of the stores tendered Items

II. DEVIATION FROM SPECIFICATION:

The tenderers are requested to study the specification stated below:

Specification : As given in the schedule
Nos. required : As given in the schedule

SERVICE CONDITIONS:

Guarantee period and after sales service conditions to be mentioned. In case of deviation or alteration the same should be brought out boldly and prominently in the offer made.

III. Any terms or conditions not brought out in the body of the offer will not be considered.

IV. In case any condition or terms of contract applicable in the invitation of tender is not acceptable to the tendering firm they should specifically state deviation therein from the body of their tender.

V. In the body of the letter, the tenderer should specifically state that he/she agrees for sole arbitration by the Office of the Dean, Dr. M.G.R. Fisheries College and Research Institute, Ponneri – 601 204.

VI. PRICE:

a. Prices for the main equipment and accessories may be quoted in terms of Indian/ foreign currencies.
b. The unit prices should be for the equipment as indicated in the schedule of tender enquiry and not for any other equipment.
c. Prices quoted should be for delivery at site, as specified by the Finance Officer, Tamilnadu Dr. J. Jayalalithaa Fisheries University, Nagapattinam inclusive of charges such as packing, forwarding and installation.
d. Discount if any, should be indicated prominently
e. Prices quoted shall be firm in all respects and for each equipment.
f. Tenders with price variation basis will not be accepted.

g. The offer should be kept valid for six months from the date of tender and supply is expected before **31.03.2020**.

VII. The tenderer is solely responsible for the equipment till delivery and demonstration of the equipment to be conducted.

VIII. EARNEST MONEY SECURITY DEPOSIT AND EXECUTION OF AGREEMENT :

Each tender should be accompanied by an Earnest Money Deposit of **1% of the total value of the product** in the form of a **demand draft drawn in favour of The Dean Dr. M.G.R. Fisheries College and Research Institute, Ponneri – 601 204, Tamilnadu** failing which the tender will not be considered. Cheques and cash will not be accepted. If for any reason the tenderer withdraws the tender before or after being selected or before being rejected by the competent authority, the Tamilnadu Dr. J. Jayalalithaa Fisheries University reserves the right to forfeit the deposit in part or in full. The earnest money deposited will be refunded to the unsuccessful tenderers. In the case of successful tenderer, the amount will be adjusted towards Security Deposit.

The successful tenderer (hereinafter referred to as contractor) shall also furnish a security deposit of not less than **5% of the total value of the contract** within 15 days from the date of intimation of the acceptance of the tender. The Security deposit will be inclusive of the Earnest Money Deposit, already remitted.

The security deposit will be refundable only after the expiry of a period of **ONE YEAR** from the date of handing over the stores in working conditions / completion of the work to the full satisfaction and upon The Dean, Dr. M.G.R. Fisheries College and Research Institute, Ponneri – 601 204, Tamilnadu issuing a certificate that no amount is due from the contractor under the agreement and that the contractor executed on a non-judicial stamp paper of the value to be fixed incorporating the terms and conditions of the contract within one month from the date of intimation of the acceptance of the tender. In case of default of these conditions, i.e. remitting security deposit and executing agreement within the time allowed, the earnest money deposit will be forfeited without prejudice to any other right of the University will also be entitled to make other arrangement for obtaining these items from others and recover from the contractor any excess expenditure or cost incurred by the University, over the contract price together will all charges, expenses and damages attending to such purchase, provided. The Dean, Dr. M.G.R. Fisheries College and Research Institute, Ponneri – 601 204, Tamilnadu in specific application from the contractor grant extension of time in specific circumstances in the matter of payment of security deposit and execution of agreement.

IX. DELIVERY : The supplies should be subject to inspection and acceptance or rejection by the The Professor and Head, State Referral Laboratory for Aquatic Animal Health, TNJFU – Madhavaram campus, Madhavaram Milk Colony, Chennai – 600 051, or such other person authorized by The Dean, Dr. M.G.R. Fisheries College and Research Institute, Ponneri – 601 204 shall from time to time name and appoint for the purpose, the said person to be named and appointed being hereinafter referred to as the Inspection Officer.

The supplies made by the tenderer which in the opinion of The Dean Dr. M.G.R. Fisheries College and Research Institute, Ponneri – 601 204 or the Inspecting Officer is in bad order, unsound in quality or description or not in accordance with specifications as have been prescribed in that behalf or otherwise faulty or unfit for use, shall be rejected.

The supplies so rejected shall be removed by and that the expenses of tenderer within 15 days after he/she has been given notice of the rejection. If not taken away, The Dean, Dr. M.G.R. Fisheries College and Research Institute, Ponneri – 601 204 may cause the goods to be removed and disposed off in the manner he/she may deem fit and recover from the tenderer the expenses incurred in such removal and disposal.

The substitution of supplies which have been rejected by The Dean, Dr. M.G.R. Fisheries College and Research Institute, Ponneri – 601 204 or the Inspecting Officer in whole or in part under the provisions herein before contained the tenderer shall and will within the time permitted by The Dean, Dr. M.G.R. Fisheries College and Research Institute, Ponneri – 601 204, or the Inspection Officer after such rejection shall have been notified to him/her as aforesaid supply and delivery without causing any extra cost of expenditure. If not so supplied and delivered by the tenderer or substitution as aforesaid and also in case of failure by the tenderer to supply and deliver supplies demanded from him under this tender within the period prescribed for supply and delivery, The Dean, Dr. M.G.R. Fisheries College and Research Institute, Ponneri – 601 204. or the Inspecting Officer shall have power to purchase from others in lieu of rejected or not delivered goods and any excess expenditure or cost incurred by the University over and above the tenderer price together with all charges and expenses attending to the purchase shall be recoverable from the tenderer. Nothing herein contained shall prejudice any other right of the University in that behalf under the tender or otherwise.

X. A Guarantee towards the supply of spare parts if any when required on the agreed basis for an agreed price.

XI. THE TENDERER SHALL FURNISH THE FOLLOWING GUARANTEE: A Guarantee to the effect that articles supplied shall be of the best quality and workmanship and shall be in with such quantities and such price. A guarantee for a period of one year or more from the date of handing over the equipment for the proper functioning of the equipments and systems and any defects in their proper function during the guarantee period should be rectified by the tenderer free of charge. If during the guarantee period, the supplies are found not to the description and quality offered, the University will be entitled to reject the articles and the supplier shall replace or pay the University such damages as may arise including the replacement of cost and towards delay and damages. Nothing herein contained shall prejudice any other right of the University if that behalf under the tenderer or otherwise.

XII. TRANSFER OF SUPPLY: The tenderer shall not transfer or assign the supply or any part there or any interest therein directly or indirectly to any person or persons whomsoever without the written consent of the University.

XIII. If the supply order is placed on a higher tenderer as a result of inability of the tenderer then he will be liable to pay the University the difference between the suppler rate and that the lowest acceptable tender. This is in addition to and without prejudice to other rights under the terms of the tender.

XIV. INSTALLATION AND TESTING: All deliveries of goods should be accompanied by Invoice bills in triplicate to the officer at site to whom the goods are supplied.

a) The time allowed for completion of supply and delivery as prescribed including demonstration under the conditions of the tender is the essence of the tender

b) Without prejudice to other rights under the terms of this tender or otherwise.

c) If the tenderer fails in the due performance of his supply within the time fixed in the supply or any extension thereof, the tenderer is liable to pay as liquidated damages up to 2% per month of the supply value of such portion of the materials as have not been delivered, installed and commissioned and having been delivered, installed and commissioned cannot in consequence of the delay be used efficiently during each month between the appointed or extended time as the case may be and the actual time or delivery installation.

The tenderer is not entitled for any enhancement of the rates once accepted. It shall be lawful for the purchaser to set off any loss or expense or cost of damages sustained or incurred by the purchaser by reason of the cancellation of the tender form and out of nominees for the time being payable or due to the tenderer from the University otherwise apart from forfeiting the security deposit furnished by their tenderer.

All sums found due to the University under or by virtue of these presents shall be recoverable from the tenderer in any manner as the University may deem fit.

XV. Any notice or communication to the tenderer shall be deemed to be sufficiently served if given or left in writing at his usual or last known place of abode.

XVI. All questions, disputes or difference arising under out of or in connection with the supply, if not concluded shall be subject to the exclusive jurisdiction of the place, from which the acceptance of the tender is issued, is situated.

Dean
Dr. M.G.R. FC&RI,
Ponneri.