



ICAR - CENTRAL INLAND FISHERIES RESEARCH INSTITUTE
AN ISO 9000 : 2008 Certified Organization
Barrackpore, Kolkata-700 120, West Bengal

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GST NO.19AAAGC0090D1ZX

F No. Capital (DBT – AEDFR) – 116(2/B)/2020-Stores

17th July, 2020

LIMITED E-TENDER NOTICE

Tender No. Capital (DBT – AEDFR) – 116(2/B)/2020-Stores
E-tender Id.:- “2020_DARE_571457_1”

The Director, ICAR-CIFRI invites online Quotation through e-procurement portal (www.eprocure.gov.in) in **2 (two) Bid Systems (Itemwise)** from the Manufactures/Authorized Dealers/reputed firms for the supply and installation/commissioning and training (if required) of the following **7 number of Equipments under DBT Project “Assessment of endocrine disruption in fish reproduction” to be supplied, installed/commissioned and trained upon (if required) at the Headquarter of ICAR-CIFRI, Barrackpore, Kolkata-700120:-**

Sl. No.	Name of the Minor Equipment (Unit to be purchased)	Last date of submission of e-tender	Specification	To be supplied/installed/Commissioned and trained upon at
1	Rotary Vacuum Evaporator (1No.)	10.08.2020 till 11.00 am	Specification enclosed at Annexure-II (Sl. No. 1 to 7)	ICAR-Central Inland Fisheries Research Institute, Barrackpore, Kolkata-700120
2	Solid Phase Extraction Apparatus (1 No.)			
3	Tissue homogenizer (1 No.)			
4	UV Transilluminator (1 No.)			
5	-20 ⁰ Refrigerator (1 No.)			
6	Gradient (Variable temperature) PCR Machine (1 No.)			
7	Spectrophotometer (1 No.)			

The tender document and specification details (Enclosed at Annexure-II) may be downloaded from the Institute’s Website: www.cifri.res.in or e-procurement portal www.eprocure.gov.in.

No bid other than online quotation shall be entertained. No hard copy in any form is required.

The tentative Schedule of processing of quotation is as follows:-

1.	Date and Time for Issue/Publishing	11.00 AM on 17.07.2020
2.	Document Download/Sale Start Date and Time	12.00 Noon on 17.07.2020
3.	Document Download/Sale End Date and Time	11.00 AM on 10.08.2020
4.	Bid Submission start Date and Time	12.00 Noon on 17.07.2020
5.	Bid Submission End Date and Time	11.00 AM on 10.08.2020
6.	Date and Time for Opening of Tender	11.00 AM on 11.08.2020
7.	Address for Communication	The Assistant Administrative Officer (Stores), ICAR-CIFRI, Barrackpore, Kolkata-700120

The aforementioned dates may vary and the change in date shall be suitably intimated in public domain.

Assistant Administrative Officer (Stores)

TERMS AND CONDITIONS

1. Each bidder should bid item wise through online BOQ. Price must not be quoted in Technical Bid.
2. The following documents in PDF Format are to be uploaded with the quotation through e-procurement portal www.eprocure.gov.in.
 - a) Authenticated PDF Copy of valid Company Registration/Trade License .
 - b) Authenticated PDF Copy Certificate showing performance of this type of supply in the past e.g. copy of Purchase Order and Challan, installation and commissioning Certificate, certificate issued by Authorized Officer of Department.
 - c) Authenticated PDF Copy of PAN and GST Certificate.
 - d) PDF copy of Annexure – III.
 - e) Authenticated PDF Copy of valid Dealership/Authorization Certificate from manufacturer.
 - f) Authenticated PDF copy of Technical Bid as per Annexure-I, attachments along with Make/Model/Brand/Catalogue of the quoted item must be included by the bidders, failing which Technical Bid will be rejected.
3. The schedule of supply and specification of the items are enclosed in **ANNEXURE-II**. The rate should be quoted on F.O.R. basis at the **Headquarter of ICAR-CIFRI, Barrackpore, Kolkata-700120** as mentioned in the Tender Notice above.
4. No hard copies are required to be submitted by the bidders.
5. Tender once submitted should remain valid at least for 90 (ninety) days for acceptance.
6. The online bid should contain two envelopes containing the Technical Bid and Financial bid in the form of BOQ.

7. TENTATIVE DATES OF PROCESSING OF TENDER

1.	Date and Time for Issue/Publishing	11.00 AM on 17.07.2020
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8. Rates quoted for the item should include the taxes/duties and transportation cost/delivery cost etc. (on FOR basis) of the items at the mentioned places. Taxes/ duties are to be mentioned in the BOQ and no subsequent claim for taxes/ duties etc. will be entertained separately.
9. The PDF copies submitted as Technical Bid on e-procurement portal and should be legible. The mistake should be corrected by one stroke and initialed.
10. Make/Model/Brand/Catalogue along with all specifications of the quoted item must be included by the bidders in their Technical Bids both online, failing which Technical Bid will be rejected. The Price quoted in the Price Bid in the form of BOQ to be submitted online must incorporate Price of the item, transportation cost, cost of installation/commissioning and training to the personnel (if required) and all taxes.
11. Incomplete tender and bids not in prescribed format according to the terms and conditions as mentioned hereinabove shall be rejected forthwith.
12. Tax deduction at source will be made wherever applicable.
13. Payment will be released only against the pre-receipted bill indicating the Bank details of the supplier, to be submitted in triplicate within 30 days of supply and installation/commissioning of the item in good condition. Payment will be made through e-payment. The Performance Security of 5% of the cost of the equipment shall have to be submitted by

the supplier, which should be valid at least for one year.

14. LIQUIDITY DAMAGES:-

i) In all cases of delay by the supplier in delivery of the materials or any or all of the goods or to perform the services forming the subject matter of this contract beyond the periods specified in purchase order, other than a delay (Force Majeure), the buyer shall have the right without prejudice in its other remedies under this contract, to claim liquidated damages amounting to 0.5% per week of the delivery price of the delayed goods or performance of services for each week/month or part thereof of delay until actual delivery or performance. However such damages shall not exceed 10 % of the delivery price of the goods or services of which the delivery or performance has been delayed.

ii) The supplier shall remit the amounts due to Buyer under clause (i) above, within 30 days of receipt of demand from the Buyer. If the supplier fails to make the payment within the period of 30 days, the Buyer shall have the right to recover it from other payments due to the supplier.

iii) In the event the buyer terminates the Contract, the Buyer shall also have the right to procure, upon such terms and in such manner as it deems appropriate, goods or services similar to those undelivered, and the supplier shall be liable to Buyer for any excess cost incurred by the Buyer for procuring such similar goods or services. However, the supplier shall continue performance of the contract to the extent not terminated.

15. The supplier will have to arrange for Road Permit/Way Bill if required for the supply of stores. All the documents required in this regard will be supplied by the Institute.

16. Resolution of disputes:

i) All disputes, these agreements or questions arising out of or in connection with this contract or relating to its construction or performance shall be settled amicably by mutual consultation. If after 90 days the parties have failed to resolve their disputes or differences by mutual discussions, the matter shall be referred by arbitration in accordance with the Arbitration and Conciliation Act 1996. The Arbitral tribunal shall consist of an arbitrator nominated by the Buyer and another nominated by the supplier. The third arbitrator shall be chosen by the two arbitrators so appointed by the parties and shall act as the presiding arbitrator. In case of failure of two arbitrator appointed by the parties to reach a consensus about the third arbitrator (Presiding arbitrator) within a period of 90 days from the appointment of the arbitrator appointed subsequently, the presiding arbitrator shall be appointed by the Indian Council of Arbitration. The decision of the majority of the Arbitrator shall be final and binding on the parties.

ii) The Parties shall continue to perform their obligations under this Contract during the conciliation/arbitration proceedings. The cost of arbitration (including the fees and expenses of the arbitrators) shall be shared equally by the parties, unless the award specifies otherwise.

iii) This article shall survive the termination of this contract.

17. The Director, ICAR-Central Inland Fisheries Research Institute, Barrackpore, Kolkata- 700 120, West Bengal reserves the right to accept or reject any or all the tenders either in part or in full without assigning any reasons whatsoever. The Director, ICAR-Central Inland Fisheries Research Institute, Barrackpore, Kolkata- 700 120, West Bengal also reserves the right to reject any bid offering item(s) produced/manufactured/assembled/originated in a particular Country of his choice at any stage in the bid process and no objection can be raised by the bidder(s) in this regard whatsoever. The country of origin, where the item(s) is/are produced/manufactured/assembled/originated must be declared at **Annexure-I (Sl. No. 10)**, without which, the bid shall be considered as non-responsive.

18. In pursuance of Notification No. 45/2017-Central Tax (Rate), dated 14th November, 2017 issued by the Department of Revenue, Ministry of Finance, Government of India, ICAR-Central Inland Fisheries Research Institute is an Autonomous Institute under Indian Council of Agricultural Research, Department of Agricultural Research, Ministry of Agriculture and Farmers' Welfare, Government of India and is fully (100%) funded by the Government of India and hence satisfies the Explanation (a) "**Public funded research Institution**" of the said notification for the purpose of availing exemption under Section 9 of the Central Goods and Services Tax Act, 2017 (12 of 2017). This Institute is a Department as mentioned in Sl. No. 3 of the Table contained in the aforementioned Notification and for purchase of the following items, viz.

- (a) Scientific and Technical instrument, apparatus, equipment, Computer
- (b) Accessories, parts, consumables and live animals
- (c) Computer software, CD-ROM, recorded magnetic Tape, microfilm, microfiches

(d) Prototypes, the aggregate value of the prototypes received not exceeding ₹ 50,000/- in this Financial Year

the Institute is entitled to the Goods and Services Tax at the rate CGST @ 2.5% + SGST @ 2.5% OR IGST @ 5% to be levied on the price of the item as per aforesaid notification. The Director, ICAR-Central Inland Fisheries Research Institute issues suitable Certificate for purchase of aforementioned items in each case. No separate DSIR Certificate shall be issued by the Institute.

DETAILS OF THE AGENCY**ANNEXURE-I**

1. Name & Address of Firm :
2. Trade License No. :
(Attach photocopy of document)
3. GST Registration No. :
(Attach photocopy of document)
4. Name and address of the owner of the Firm :
5. Phone/Mobile No. :
6. TAN/PAN Number :
(Attach photocopy of document)
7. Bank details of firm/Agency for making Payment
 - a) Name of the Bank & Branch :
 - b) Account Number :
 - c) IFSC Code :
 - d) MICAR Code No. :
8. Annual turn over of the firm
9. Balance sheet of last Three (3) years (Attach copy)
Photo copy of Annual Tax return for last Three (3) Years may be enclosed
10. Country of origin of the offered item(s) :
(where the item(s) is/are produced/manufactured/assembled/originated)

Certified that the terms and condition are acceptable to me/us. I/we will abide by the terms and conditions of the contract/offer and shall supply the items as per specification and terms and conditions of the Tender Document.

Place:

Date:

Signature of owner with seal

Annexure-II**Specification Details for Minor Equipments**

Sl.No.	Name of the Articles	Full Specifications
For supply at Headquarter of ICAR-CIFRI, Barrackpore, Kolkata-700120 (Sl. No. 1 to 5)		
1.	Rotary Vacuum Evaporator (1No.)	<p data-bbox="581 457 1068 489">Specification for Rotary Vacuum Evaporator</p> <p data-bbox="906 527 1166 558" style="text-align: center;">Rotary Vacuum Evaporator</p> <p data-bbox="630 575 760 606">Specification:</p> <p data-bbox="630 617 1425 648">The Rotary Vacuum Evaporator should consist of the following components and features:</p> <p data-bbox="630 667 751 699">Components:</p> <p data-bbox="630 709 1450 825">Rotary system, heating bath, condenser, vapour duct, vacuum seal, evaporating flask, receiving flask, standard joints, coupling clamp/ring, tubings, power cable, interface, vacuum pump, vacuum controller, all other necessary and essential accessories and consumables.</p> <p data-bbox="630 856 719 888">Features:</p> <ul data-bbox="630 909 1442 1707" style="list-style-type: none"> - Vertical, easy to clean condenser - Adjustment of temperature and Digital temperature display of water bath - Mechanical lift end-point safety stop - Locking mechanism: - Manual adjustable lift with extension up to 100 mm for precise positioning of glassware - Adjustable immersion angle - Stepless speed setting with dial control and speed display - Flask clamping mechanism with integrated push-off function for easy exchange of evaporation flasks - Quick and easy exchange of flasks - Fully adjustable flask angle - Speed range: 30 - 270 rpm - Stroke displacement: 150 mm - Heating bath material: Good quality stainless steel - Bath volume: 4 litre appx. - Temperature range: ambient to 90 °C - Temperature accuracy: $\pm 2^{\circ}\text{C}$ - Minimum flask size: 50 ml - Maximum flask size: 1000 ml - Heating power: 1200 - 1400 W - Permissible ambient temperature: 5 ... 40 °C - Permissible relative humidity: 80 % - Power supply: 220-240 V - Frequency 50/60 Hz - Vacuum pump with controller, suction speed 1.2 m³/h or more, and to be supplied with power cable, other essential accessories and consumables - Warranty of the whole system – Two years

2.	Solid Phase Extraction Apparatus (1 No.)	<p>Specification for Solid Phase Extraction Apparatus</p> <p>Specifications for Solid Phase Extraction System</p> <ul style="list-style-type: none"> ▪ A semi automatic vacuum-driven system that will work with a variety of solid phase extraction cartridges, columns, or disks for sample preparation; includes tubing, replacement components, collection racks, safety trays, gaskets, and adaptors. ▪ Instrument (solid phase extraction system) should perform rugged and reliable SPE of small to large volume liquid samples for organic analysis with positive pressure loading and elution of sample and solvents. ▪ Extraction for liquid samples sizes of 10 ml to 4 L with extractable of active ingredients from samples. ▪ The Oil Free Vacuum Pressure Pump should have following criteria - 230V, 50/60Hz, Single Phase Vacuum, Pressure Pump (interchangeable power cords accommodate European 2 round-pin sockets and UK 3 Fat-blade sockets), Vacuum 61 cm Hg (24 in Hg) or better, Pressure 4.3 kg/cm² (61 psi), Motor 1/8 hp ▪ Accommodates various sizes of cartridges with transport adaptor. It should also have provision for high throughput. ▪ Each sample should have stop cock to control the flow ▪ No cross contamination ▪ All waste must transfer to waste vessels. ▪ Consumables: Polymeric and other sorbents in cartridges (C8, C18, HLB, PSA) for solid phase extraction of polar and non-polar compounds (sufficient for extraction of at least 200 samples), adoptions, solvent bottles, necessary glasswares, tubings etc. ▪ Installation, demonstration and application training onsite ▪ Warranty: Two years

3	Tissue Homogeniser (1 No.)	<p>Specification for Tissue Homogeniser</p> <p>Scope: Supply, installation, testing and commissioning of tissue homogeniser to the following technical specifications, terms and conditions</p> <ul style="list-style-type: none">• Capacity to handle wide range of samples from 0.5ml to 50 ml• Light weight ergonomic design• It should be with powerful motor with minimum 120 watts• Quiet operation with noise level 80 db or less• Variable speed control from 5,000 to 20,000 rpm• System should be quoted with stainless steel probes/extension arm of diameter of 5mm Flat Bottom and 7mm/8mm Saw Tooth Bottom, Generator Probe/extension arm Or Suitable stainless steel generator probe/extension arm to adequately homogenize the soft and hard tissue samples in 1.5/2ml microfuge tubes and 15 ml or 50 ml tubes• Should be able to handle minimum sample volume 0.5 ml to 10 ml• Tool kit, Clamp for stand mounting and instruction manuals should be supplied• Electrical requirement: 220V-230V; 50/60Hz• CE certified Warranty: minimum 2 years

4	UV Transilluminator (1 No.)	<p>Specification for UV Transilluminator</p> <p>Scope: Supply, installation, testing and commissioning UV Transilluminator to the following technical specifications, terms and conditions</p> <ul style="list-style-type: none">• Benchtop UV transilluminator with option of Blue and white light LED transillumination or Blue and white light LED trans illumination for visualisation of nucleic acid protein gels, membrane, along with ethidium bromide agarose gel• Magnetic filter screen with hinge free design for observation and gel cutting without using protective goggles• Adjustable light at three level to achieve best imaging• Compact design for portability• Automatic power off option• Emission maxima 470 nm• Gel viewing dimension with minimum 12x18 cm• Dust cover should be provided <p>Warranty: - minimum two year warranty on the instrument</p>
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5	-20 ⁰ Refrigerator (1 No.)	<p>Specification for -20⁰ Refrigerator</p> <p>Scope: Supply, installation, testing and commissioning of -20 refrigerator to the following technical specifications, terms and conditions</p> <ul style="list-style-type: none"> • Vertical/upright • Minimum capacity 260 L • Microprocessor control cooling system • LED Digital display should be on front side • Should have adjustable temperature range -20 degree Celsius and less (-40) • Should be Frost free • Should have Remote alarm • CFC free • Noise less than 50 db • Should have Multiple malfunction alarm including temperature fluctuation, sensor error, improper locking etc • Should have Door locking system • Should have multilayer Storage drawer(minimum 7 No.) • Power 220 V-240 V • Foam door • Should have stainless steel corrosion free body • CE certified and minimum warrantythree year on the instrumentor one year warranty with 2 year AMC • Should have inbuilt stabiliser or supplied with servo controlled voltage stabilizer • Specification brochure should be provided for the specification quoted

6	Gradient (Variable temperature) PCR Machine (1 No.)	<p>Specification for Gradient (Variable temperature) PCR Machine</p> <p>Scope: Supply, installation, testing and commissioning of gradient PCR machine to the following technical specifications, terms and conditions</p> <ul style="list-style-type: none"> • PCR System comprises a Block Format of 96 well with 0.2ml PCR tubes or micro-well plates with 6 separate Peltier block to run 6 samples at different annealing temperature • Block should be compatible with different plates provided with other reputed companies of this categories • The system should support PCR volumes ranging from 10 to 80 µl • Maintain thermal characteristics between optimizing and isothermal conditions, eliminating the need for optimization steps • Simultaneously run up to 6 separate temperatures in the same plate with user defined time to determine the optimal annealing temperatures • The system should provide for Standard and fast run modes in a single instrument • On board Tm calculator • USB Port support to transfer methods • Minimum Block Ramp rate should be 3.9 degree C/sec. • Temperature Range should be 4 degree C to 100 degree C. • PCR Volume Range is 10-50ul or more (100 ul) • Temperature accuracy ± 0.5 degree C or more • Auto re-start (after power outages) • PCR Instrument should have, state of the art graphical user interface for easy programming and quickly checking the run status at the bench. • Option for setup of saving the setup methods up to 500 on to the instrument or unlimited to an external memory device • Lid cover with Programmable heating option from 50 degree to 105 degree c for efficient PCR optimization

		<ul style="list-style-type: none"> • The machine should be duly certified / authorized for PCR process by reputed agency • Should provided with support of 2 KVAUPS • Dust cover should be provided • Warranty: - Two year warranty on the instrument • Specification brochure should be provided for the specification quoted
7	Spectrophotometer (1 NO.)	<p>Specification for Spectrophotometer Scope: Supply, installation, testing and commissioning of Spectrophotometer to the following technical specifications, terms and conditions</p> <ul style="list-style-type: none"> • Filter free UV-VIS wavelength for DNA, RNA, PROTEIN and ELISA • Bandwidth or bandpass 5 nm or better • Light source Xenon flash lamp • Silicon Photodiode or PMT detector • Monochromator wavelength with accuracy + 2 nm or 2.0% • Range of wavelength: 200-999 nm • Pathlength 1 cm • Absorbance based spectrophotometer • End point, spectral and kinetic assay option • Cuvette reading option with at least one separate cuvette port • Cuvette should be suitable for minimum 100 upto 1000 ulsample • Microplate reading option for Elisa • Microdrop plate reading option with plate should be provided for DNA, RNA and Protein with minimum volume 2 ul to read 16 samples simultaneously • Temperature control option minimum 45 degree-60degree or above • Shaking option should be there • Onboard touchscreen panel with software with predefined protocol • System should be compatible with personel computer along

		<p>with touchscreen for operation</p> <ul style="list-style-type: none">• Good reading speed 8 second or less for 96 well• USB or compactible port for computer control• Quartz cuvette (2 No.), microplate (minimum 10 No.), disposable cuvette and other accessories required should be provided with the equipment• Software required should be provided with the equipment and should have lifetime free update with multi-user (minimum 3) licence• Power 220-240 v• Should be supplied with suitable PC with latest configuration, monitor, keyboard, mouse, printer and UPS• Dust cover should be provided• CE certified and minimum warranty two year on the instrument
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Annexure-III

TENDER ACCEPTANCE LETTER
(To be given on Company Letter Head)

To,
The Director,
ICAR-Central Inland Fisheries Research Institute,
Barrackpore, Kolkata - 700120

Date:

Sub: Acceptance of Terms & Conditions of Tender.

Tender Reference No: _____

Name of Tender / Work: -

Dear Sir,

1. I / We have downloaded / obtained the tender document(s) for the above mentioned 'Tender/Work' from the website(s) namely:

as per your advertisement, given in the above mentioned website(s).

2. I / We hereby certify that I / we have read the entire terms and conditions of the tender documents from Page No. _____ to _____ (including all documents like annexure(s), schedule(s), etc .), which form part of the contract agreement and I / we shall abide hereby by the terms / conditions / clauses contained therein.

3. The corrigendum(s) issued from time to time by your department/ organization too have also been taken into consideration, while submitting this acceptance letter.

4. I / We hereby unconditionally accept the tender conditions of above mentioned tender document(s)

/ corrigendum(s) in its totality / entirety.

5. I / We do hereby declare that our Firm has not been blacklisted/ debarred by any Govt.

Department/Public sector undertaking.

6. I / We certify that all information furnished by our Firm is true & correct and in the event that the information is found to be incorrect/untrue or found violated, then your department/ organisation shall without giving any notice or reason therefor, summarily reject the bid or terminate the contract, without prejudice to any other rights or remedy including the forfeiture of the full said Performance Security absolutely. We also undertake that, since EMDs are not being submitted with the tender as bid security, in the event of failure to comply the supply order or failure to submit the Performance Security as mentioned in the Purchase Order, your department/ organization shall have the right to suspend me / us from bidding for the Institute's tenders for the period as your department/ organization may deem appropriate.

Yours Faithfully,

(Signature of the Bidder, with Official Seal)