



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. 1/1/2018-19/S/Minor Equipments/

3rd October, 2018

LIMITED TENDER NOTICE

Tender No. 1/1/2018-19/S/Minor Equipments

To

The Director, ICAR-CIFRI invites Limited Tender on Offline mode 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 **Minor Equipments/Software** at the Headquarter and Regional Centres of ICAR-CIFRI, Barrackpore, Kolkata-700120 and Regional Centre of ICAR-CIFRI Kolkata-700064. The addresses of the Regional Centres are available on website www.cifri.res.in:-

Sl. No.	Name of the Minor Equipment (Unit to be purchased)	EMD (₹)	Last date of submission of tender	Specification	To be supplied/install ed/Commission ed at
1	Inclinometer with Trinometrical tripod stand with mounting base for inclinometer (2 No.)	EMD Rs.2,000/- uniform for all bidders even if quotation is for one equipment	24.10.2018 till 1.00 PM	Specification enclosed at Annexure-II (Sl. No. 1 to 12)	ICAR-Central Inland Fisheries Research Institute, Barrackpore, Kolkata-700120
2	Spherical densitometer (2 No.)				
3	Portable Laser range finder (1No.)				
4	Vacuum pump for Rotary Evaporator (1No.)				
5	UV Chamber for TLC Plates (1No.)				
6	Ekman Dredge (1No.)				
7	Digital Depth sounder (NICRA) (1No.)				
8	Vertical Autoclave (1No.)				
9	pH Probe Sentix 41 (1No.)				
10	Documentation Software for Compound Microscope				
11	Microscope Camera to be used with multibrand microscopes High resolution color microscope camera (1No.)				Regional Centre of ICAR-Central Inland Fisheries Research Institute, CGO Complex (2 nd Floor, C-Wing), DF Block, Salt Lake, Kolkata-700064
12	Horizontal Rotary Shaker (1No.)				

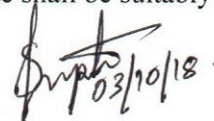
The tender document and specification details (Enclosed at Annexure-II) may be downloaded from the Institute's Website: www.cifri.res.in or e-procurement portal www.eprocure.gov.in (e-published).

The, hard copies of documents mentioned at para 2 of Terms and Conditions duly authenticated by the Authorized personnel of the bidder should reach ICAR-Central Inland Fisheries Research Institute, Barrackpore, Kolkata – 700120 within the Bid submission end date and time.

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

1.	Date and Time for Issue/Publishing	11.00 AM on 03.10.2018
2.	Document Download/Sale Start Date and Time	12.00 Noon on 03.10.2018
3.	Document Download/Sale End Date and Time	11.00 AM on 24.10.2018
4.	Bid Submission start Date and Time	12.00 Noon on 03.10.2018
5.	Bid Submission End Date and Time	1.00 PM on 24.10.2018
6.	Date and Time for Opening of Technical Bids	3.00 PM on 24.10.2018
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 hard copies only. Price must not be quoted in Technical Bid.
2. The following documents sent with the quotation, as mentioned at Tender notice, the hard copies of documents mentioned at para 2 below duly authenticated by the Authorized personnel of the bidder **should reach** ICAR-Central Inland Fisheries Research Institute, Barrackpore, Kolkata – 700120 within the Bid submission end date and time.
 - a) Authenticated Copy of valid enlistment letter with the Government Departments, if any.
 - b) Authenticated 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 Copy of PAN & GST Certificate.
 - d) Demand Draft only as EMD Rs.2,000/- uniform for all bidders even if quotation is for one equipment. For exemption, authenticated and valid MSME/NSIC certificate has to be submitted.
 - e) Authenticated Copy of valid Dealership/Authorization Certificate from manufacturer.
 - f) Authenticated copy of Declaration as per Annexure-IV in letter head of the firm.
 - g) Authenticated 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 ICAR-Central Inland Fisheries Research Institute, Barrackpore, Kolkata-700120 and at Regional Centre of ICAR-Central Inland Fisheries Research Institute, CGO Complex (2nd Floor, C-Wing), DF Block, Salt Lake, Kolkata-700064 as mentioned in the Tender Notice above.
4. Tender documents submitted should accompany Demand Draft of EMD of ₹2,000/- with the technical bid uniform for all bidders even if the bidder is bidding only for one equipment. The EMD in the form of Demand Draft payable at “ICAR Unit -CIFRI” payable at SBI, Barrackpore along with the documents mentioned at para 2 above duly authenticated by the Authorized personnel of the bidder should be sent to the Assistant Administrative Officer (Stores), ICAR-CIFRI, Barrackpore, Kolkata-700120 within last date of receipt of tender. In case of non-submission of EMD and documents within specified time, quotation will not be considered. The EMD shall be returned to the successful and un-successful bidders as per rules without any interest thereon. The amount of EMD will be forfeited if supply is not effected during the given time and contract will stand cancelled. EMD is exempted for the bidders having MSME/NSIC Certificate.
5. Tender once submitted should remain valid at least for 90 (ninety) days for acceptance.
6. (a) The online bid should contain two envelopes containing the Technical Bid and Financial bid in the form of BOQ.
 - (b) The envelope containing i)authenticated documents and DD for EMD as **The Technical Bid** with Annexure-I and ii) **The Price Bid** as Annexure-II should be placed in a bigger envelope and sealed and superscribed as “Tender for supply of **Name of the Equipment(s)** (Sl. No. as indicated in the table at Tender Notice)” as detailed in Notice Inviting Tender (NIT).

7. TENTATIVE DATES OF PROCESSING OF TENDER

1.	Date and Time for Issue/Publishing	11.00 AM on 03.10.2018
2.	Document Download/Sale Start Date and Time	12.00 Noon on 03.10.2018
3.	Document Download/Sale End Date and Time	11.00 AM on 24.10.2018
4.	Bid Submission start Date and Time	12.00 Noon on 03.10.2018
5.	Bid Submission End Date and Time	1.00 PM on 24.10.2018
6.	Date and Time for Opening of Technical Bids	3.00 PM on 24.10.2018
7.	Address for Communication	The Assistant Administrative Officer (Stores), ICAR-CIFRI, Barrackpore, Kolkata-700120

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 the hard copies of documents sent to the Institute should be legible. The mistake should be corrected by one stroke and initialed.

10. Make/Model/Brand along with all specifications of the quoted item must be included by the bidders in their Technical Bids, failing which Technical Bid will be rejected. The Price quoted in the **Price Bid** as per **Annexure-III** to be submitted in a separately sealed envelope 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.
18. In pursuance of Notification No. 45/2017-Central Tax (Rate), dated 14th November, 2017 and Notification No. 47/2017-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.

DETAILS OF THE AGENCY (With Technical Bid)

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. Details of EMD:
 - a) Amount :
 - b) Demand Draft No. :
 - c) Issuing Bank :
 - d) Date of issue :
9. Annual turnover of the firm :
(Attach photocopy of document)

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 supply the quoted items as per specification contained in the Tender Document.

Place:

Date:

Signature of owner with seal

Specification Details for Minor Equipments

Sl.No.	Name of the Articles	Full Specifications
1	Inclinometer with Trinometrical tripod stand with mounting base for inclinometer (2 No.)	For gradient measurement on banks, reach water surface gradient at stream transacts and also for measuring riparian tree heights along transacts. Two units are required as simultaneously more than one research team is involved in sampling on different rivers under study. Tripod stand to be used as mounting base for inclinometer and densitometer during sampling survey.
2	Spherical densitometer (2 No.)	To be used to collect quantitative data on riparian tree canopy cover at stream transacts or measuring riparian canopy closure. Two units are required as simultaneously more than one research team is involved in sampling on different rivers under study.
3	Portable Laser range finder (1No.)	<ul style="list-style-type: none"> • Water proof • Maximum range finding capacity of more than 1000 meter • Angle measurement feature • For rapid measurement of physical dimensions of non-wadable streams sections. Two units are required as simultaneously more than one research team is involved in sampling on different rivers under study.
4	Vacuum pump for Rotary Evaporator (1No.)	<ul style="list-style-type: none"> • Material : Diaphragm Vacuum pump to be attached with Rotary Vacuum Evaporator • Power Supply; 220V – 240V/50Hz, Pumping Speed • 18L/min-20L/min • Vacuum Pressure; 20mbar-18mbar • Surface with anti – corrosive coating • Analogue display of vacuum • Temperature range : 10⁰C – 40⁰C • Ability to evaporate aqueous fraction
5	UV Chamber for TLC Plates (1No.)	<ul style="list-style-type: none"> • UV Chamber Body: Mild steel / Metal, Acrylic Body or MS Powder Coated • Exposed area : For viewing TLC Plate upto size 20X20 cm² • UV tubes wavelength : 254nm & 365 nm • UV window: UV Protective shield with contoured viewing port which must contain a built in contrast filter which absorbs UV light • UV Area : Preferably rubber mat with strips • Input voltage : 230v ± 10% AC 50Hz
6	Ekman Dredge(1No.)	<ul style="list-style-type: none"> • Ekman Dredge: Size 22.5 X 22.5 cm • Dredge for sampling benthic communities inhabiting soft bottomed aquatic environment • Hinged upper doors swing open as dredge is lowered allowing water to pass through and minimize shock waves. • Heavy duty messenger closes the dredge, preventing washout of sample. • Brass construction with special welding for added strength and durability • one year warranty.
7	Digital Depth sounder (NICRA) (1No.)	<ul style="list-style-type: none"> • Dimension: 1.7” X 7.8” • Water proof to a depth of 150’ (50m) • Maximum depth : 260’(79m) • Should measure depth in feet or meters in a range of 1.8’ to 260’ (0.6m to 79m), Accuracy: ± 1% • Frequency: Built in Transducer model; 400 KHz with a 6⁰ beam

		<ul style="list-style-type: none"> angel backlight • Easy to read LCD display, minimum 7-digit LCD backlight • Battery operated (Powered by 9V dry cell battery with battery life of approximately 500 uses and 10 oz battery weight) • Automatically shut off option • Warranty one year
8	Vertical Autoclave (1No.)	<ul style="list-style-type: none"> • Fully stainless steel structure • The Cover should be opened easily • Audio and visual alarm for low level water, automatic water supply system should be there • Downward displacement (Gravity-type) to ensure a pure steam environment • Safety valve should release air intermittently to ensure stable pressure and temperature automatically • Pressure meter to display chamber temperature and pressure • Immersion heater to ensure a high effective thermal efficiency • Capacity: 30L • Water Supply Pressure: $\geq 0.2\text{Mpa}$ • Working pressure: 0.14-0.165Mpa • Working Temperature: 126 • Temperature Fluctuation: <2 • Power Supply: 220V, 50/60 HZ • Consumption: 3KW • External Size (L*W*H): 700*510*730mm • CE Certified.
9	pH Probe Sentix 41 (1No.)	pH Probe Sentix 41
10	Documentation Software for Compound Microscope (Single User) (1 No.)	<p>The software must be capable of</p> <ul style="list-style-type: none"> • Measurement acquisition • A VI Live-streaming • (Video recording) capture • Live Image Capture • Calibration • Report Generation and export it to Excel • Measurement: count, length, area, angle, circle and ellipse, time-lapse • Fluorescence channel merging • Note: The Software must control Nikon DS-Fi2-U3 Camera
11	<p>Microscope Camera to be used with multibrand microscopes eyepiece</p> <p>High resolution color microscope camera (1 No.)</p>	<ul style="list-style-type: none"> • Microscope camera (can be used in multibrand microscopes eyepiece) with configuration driver tool and connection cable USB 2.0 • Sensor : Micron MT9P001, 5.0 Megapixels, color, CMOS • Basic resolution : 2592 (H) x 1944 (V) • Pixel Size : 2.2 μm x 2.2 μm • Sensor size : 5.7 mm x 4.28 mm equivalent 1 / 2.5" CMOS sensor • Live frame rate (depending on hardware and software configuration) • Maximum FPS = 8 fps (2592 x 1944), 30 fps (640 x 840) • Exposure time : 1ms to 0.3s • C-mount camera adaptor for eyepiece use • With Imaging software for image acquisition, balance adjustment, color assignment, point to point measurement, free form measurements, manual cell counting facility, date and time record etc. • 2 years replacement warranty from the date of installations

12	Horizontal Rotary Shaker (1 No.)	<ul style="list-style-type: none"> • Purpose : Kahn racks, bottle or conical flasks of different sizes can be shaken by adjusting the compartments provided on the shaking rack (36 no. 250 ml flasks accommodation) • Shaking time control : Automatic digit ON/OFF timer • Speed measurement : Digital OPM/speed meter with speed controller • Proximity Switch : Yes • Platform Width : 65 centimeter • Platform Length : 65 centimeter • Platform Height : 25 centimeter, Shaking : Reciprocating type • Material : Mild steel sheet duly power coated and top surface covered with non slip mat • Operating Motor: Heavy duty electric motor for continuous rating • Power Requirements : 230 V 10, 50 Hz AC • Power Consumption : 1800 Watt • Speed range: Variable from 70 to 300 oscillations per minute • MAXIMUM Shaking Load (in Kilogram) permissible : 1 • Suitable for Operating temperature and RH : 0 to 50 degree C, 0 to 90% Relative Humidity
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Annexure-III**Price Bid**

Bid inviting Authority:- The Director, ICAR-Central Inland Fisheries Research Institute, Barrackpore, Kolkata-700120

Name of the work:- Supply and installation/commissioning and training (if required) of **Minor Equipments/Software as per Annexure-II** at ICAR-CIFRI, Barrackpore, Kolkata-700120 and Regional Centre of ICAR-CIFRI, Salt Lake, Kolkata-700064.

Contract No.:- 1/1/2018-19/S/Minor Equipment

Sl. No.	Name of the Equipment (No. of Unit)	Unit Rate in ₹	GST per Unit in ₹	Transportation cost per unit in ₹	Total Unit Cost in ₹	Total cost of the requisite number of equipment in ₹
To be quoted by the Bidder						
1	Inclinometer with Trinometrical tripod stand with mounting base for inclinometer (2 No.)					
2	Spherical densitometer (2 No.)					
3	Portable Laser range finder (1No.)					
4	Vacuum pump for Rotary Evaporator (1No.)					
5	UV Chamber for TLC Plates (1No.)					
6	Ekman Dredge (1No.)					
7	Digital Depth sounder (NICRA) (1No.)					
8	Vertical Autoclave (1No.)					
9	pH Probe Sentix 41 (1No.)					
10	Documentation Software for Compound Microscope(1 No.)					
11	Microscope Camera to be used with multibrand microscopes High resolution color microscope camera (1No.)					
12	Horizontal Rotary Shaker (1No.)					

Place:

Date:

Signature of owner with seal

Annexure-IV

(Printed on letter head of firm duly authenticated)

TO WHOM IT MAY CONCERN

We hereby certify that our firm M/s

.....

..... has not been black listed by any Government, or semi Government Department in India and has never been declared insolvent.

(Signature of the Firm with Seal)

