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KERALA UNIVERSITY OF FISHERIES & OCEAN STUDIES
കേരള ഫിഷറീസ്-സമുദ്രപഠന സർവ്വകലാശാല
PANANGAD P.O., KOCHI 682 506, KERALAM, INDIA
Phone: **0484- 2703782, 2700598; Fax: 91-484-2700337; *e-mail*: utypanangad@kufos.ac.in**

GA7/6835/2026 (ii) Dated. /11/2026

QUOTATION NOTICE

Competitive quotations are invited for the **Gravity based adsorbent water filtration system** for the EAP of Dr Anvar Ali PH, Asst Professor at KUFOS,Panangad.

Last date and time for receipt of quotation	**08.12.2026 at 3.00 PM**
Date and time for opening of quotation	**08.12.2026 at 3.30 PM**

The envelope containing the quotation should bear the superscription 'Quotation for Gravity based adsorbent water filtration system,No. GA7/6835/2026' and should be sent to the Registrar, Kerala University of Fisheries and Ocean Studies, Panangad, Kochi – 682506, Ernakulum District. More details will be available in the Office of Dr.Anvar Ali PH, Assistant Professor, Dept.of FRM & PI of the Inland Fish Conservation Project on all working days with the permission of undersigned. Our GST Regn. No. is: 32AAAGK0031Q1ZL. The rate quoted should be firm and inclusive of all taxes. Period of firmness during which the rates would be firm is 30 days from the date of work orders.

All the terms and conditions applicable to University/Government quotation/Tenders are admissible to this also. Right to accept the quotation in full or in part or to reject without assigning any reason whatsoever is reserved with the undersigned.

REGISTRAR

To: Firms/ Programmer to publish on the website

Copy to: Dean i/c, FFS/ Dr.Anvar Ali PH, Assistant Professor, Dept.of FRM & PI of the Inland Fish Conservation Project /Spare

1.Technical details for the supply, installation, testing and commissioning of a gravity – based adsorbent water filtration system

Specification	**Minimum requirement**
Technology and operation	Manual, gravity-driven filtration through a specially selected and graded adsorbent media bed; no electrically driven pump within the filtration unit, provided adequate gravity head is available.

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Filter configuration	Two vertical filter vessels interconnected to function as one integrated filtration arrangement.
Filter media	Specially selected and graded natural sand / approved adsorbent media, Bidder shall state media composition, grading, effective size, bed depth, quantity and replacement / service-life requirements.
Construction	External vessel body: Stainless Steel Grade 303 (SS 303). Internal covering / arrangement: polypropylene (PP). Screws and fastening components: SS 303. All wetted materials shall be suitable for the intended water-treatment application
Connections and fittings	Raw-water inlet, treated-water outlet, interconnecting pipes, flow-control valves and drainage / backwash arrangement, complete with all necessary fittings.
Treatment objective	Reduction of suspended particles and turbidity caused by microalgae, and reduction of iron-related colour and selected taste / odor compounds were supported by the proposed media and source-water characteristics. Bidder shall identify the contaminants the offered model is designed to treat.
Hydraulic requirements	Bidder shall specify rated flow (L/h or m^3/h), daily treatment capacity, required gravity head (m), operating pressure / water-level range, allowable inlet turbidity and expected head loss.
Cleaning and maintenance	Manual backwashing / cleaning arrangement with clear operating instructions, recommended frequency, backwash-water requirement and disposal guidance.
Power requirement	No external electrical power required for the filtration process under adequate gravity-head conditions. Any optional electrical accessories shall be separately identified and priced.
Performance evidence	Submit available test reports showing inlet and outlet water-quality results under stated operating conditions, including flow rate, raw-water characteristics and media configuration

2.Documents and details to accompany the quotation

- Manufacturer’s technical brochure, general arrangement drawing, dimensions, weight and installation requirements.
- Model offered, rated capacity, flow rate, required gravity head, media details and guaranteed / expected performance, clearly stated.
- Warranty period, after-sales service arrangements, availability and cost of spares / media, and maintenance schedule.

3. Terms and conditions

- The quoted price shall include all components, accessories, transport, installation, commissioning and applicable taxes, with exclusions clearly specified.
- The bidder shall conduct / support a site assessment and confirm that the available gravity head and raw-water quality are compatible with the offered model.
- Final acceptance shall be subject to satisfactory installation, demonstration and verification of the

specified operating parameters.

- Payment, warranty, delivery and other conditions shall be as specified in the purchase order.

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