



**KSCSTE - CENTRE FOR WATER RESOURCES
DEVELOPMENT AND MANAGEMENT**
ജലവിഭവ വികസന വിനിയോഗ കേന്ദ്രം

An Institution of Kerala State Council for Science, Technology & Environment, Govt. of Kerala
കേരള ശാസ്ത്ര സാങ്കേതിക വകുപ്പിന് കീഴിൽ സ്ഥാപനം, കേരള സർക്കാർ



CWRDM/229/2026-A1

29-07-2026

TENDER NOTICE

Centre for Water Resources Development and Management invites sealed tenders from reputed Vendors/ Firms/ Contractors for the 'Design, Supply, Installation, Testing and Commissioning of Integrated Multi-Chamber FRP Water Processing, Filtration, Monitoring, Storage and Automated Distribution Infrastructure at Chelannur area, Kozhikode '.

Detailed Specifications

Sl. No	Component	Minimum Technical Specification
1.	Multi-Chamber FRP Processing Unit	Multi-Chamber FRP processing unit with minimum total capacity 2500 L; approximate dimensions 10.5 ft × 3 ft x 3 ft; FRP construction with minimum 7 mm thickness, 5–7layer fiberglass reinforcement, UV-resistant gel coat, corrosion-resistant Isophthalic/Vinyl Ester resin, reinforced partitions, conical sludge collection bottom, inspection covers, overflow arrangements, bottom outlets, valves and all necessary accessories suitable for outdoor installation.
2.	Flow Transfer System	Gravity-operated vertical drop flow arrangement with internal overflow transfer between chambers; heavy-duty ISI-certified 4-inch PVC interconnecting pipes, minimum 6-inch sludge outlet with heavy-duty ball valve, pressure rated PVC distribution pipeline of approximately 120 m including all fittings and supports.
3.	Filtration Unit	Minimum 400 L effective filtration capacity constructed using FRP/HDPE/RCC or equivalent approved material. Multi-layer filtration media comprising vermiculite, activated biochar, activated carbon, graded sand and gravel or equivalent. Complete with inlet/outlet distribution, overflow, drain valve, inspection cover and media support system.
4.	Collection & Storage System	Collection/storage tank complete with overflow arrangement, drain provision, isolation valves, connection fittings and all accessories required for continuous operation.
5.		

	Pumping System	Two (2) pumping units in duty/standby configuration suitable for continuous operation, IP55 or higher protection, complete with non-return valves, isolation valves, flexible connectors, vibration pads and mounting accessories.
6.	Automation & CPMS	Industrial automation and CPMS-based monitoring system supporting automatic/manual operation, data logging, alarm management, event recording, remote monitoring and diagnostics. Complete with industrial controller, relay modules, communication interfaces and control hardware.
7.	Sensor Network	Supply and installation of industrial-grade soil moisture sensors, fluid level sensors and process monitoring sensors with weatherproof construction, shielded cables, connectors and mounting accessories.
8.	Solenoid Control System	Solenoid valves, valve control modules, relay interface units and associated accessories for automated distribution based on sensor inputs.
9.	Communication Infrastructure	Wi-Fi router, CAT-6 communication cables, shielded communication cables, communication interfaces, network accessories and all interconnection hardware required for complete system integration.
10.	Electrical Infrastructure	UPS, SMPS power supplies, 12 V adapters, distribution boards, MCBs, RCCBS, surge protection devices, power/control/signal cables, shielded cables, cable trays and all electrical accessories necessary for complete installation.
11.	Control Cabinet	Industrial lockable control cabinet/server rack with cable management, ventilation/cooling arrangement, internal power distribution and mounting provisions for all control equipment.
12.	Installation, Testing & Commissioning	Complete installation, testing, sensor calibration, electrical testing, automation testing, communication testing, performance testing, commissioning, operator training and handing over of the fully functional system.
13.	Warranty	Minimum 12 months comprehensive warranty from the date of successful commissioning covering equipment, installation and workmanship.

Tender form can be downloaded from CWRDM web site: **www.cwrldm.kerala.gov.in**

Specification and other relevant details are also available in the web site.

Tender Form Cost	Rs.708/- inclusive of GST @ 18%
Earnest Money Deposit	Rs.3,000/-
Payment Mode	Demand Draft in favor of The Executive Director, CWRDM payable at Calicut

Last date/time for submission of Tender:	10-08-2026 at 5 PM
Tender opening date.	11-08-2026, 3 PM

Tender Form cost and EMD shall be submitted along with the tender document by means of Demand draft drawn from any Nationalized/ Scheduled Bank, in favor of Executive Director, CWRDM payable at Calicut.

Tenderer's /Firms should be registered under GST.

Digitally signed by

Mahadev M G

Date: 29-07-2026

11:05:12

Registrar

Kunnamangalam, Kozhikode-673571, Kerala, India കുന്നമംഗലം, കോഴിക്കോട് -673571, കേരളം , ഇന്ത്യ

E-mail: ed@cwrdm.org, registrar@cwrdm.org Website: www.cwrdm.org

Phone:(91)4952351800, 2351801 Fax:(91)4952351808, 2357827

Terms and Conditions

1. Tender should be in sealed envelopes super scribed as **Design, Supply, Installation, Testing and Commissioning of Integrated Multi-Chamber FRP Water Processing, Filtration, Monitoring, Storage and Automated Distribution Infrastructure** at TORG of CWRDM and submitted in the prescribed form with all required details, to the Registrar, CWRDM, Kunnamangalam P.O, Kozhikode- 673 571, Kerala, on or before **10-08-2026 5PM**.
2. Tenders which do not conform to the terms and conditions (clauses) of this Notification will be rejected.
3. Tenders will be considered firm for acceptance for a period of six months from the last date fixed for receipt of Tenders. The rate and amount of GST, Insurance, Freight, Packing, forwarding, etc should be shown separately. Tenders not stipulating period of firmness and with price variation clause and/or subject to the prior sales conditions, are liable to be rejected.
4. In case of any matter which is not covered by this Tender Notification, or the general terms and conditions of the contract or the specifications etc. as given herewith, the decision of the Executive Director, CWRDM shall be binding on the Tenderer.
5. The bidder shall provide a complete solution including design, fabrication, supply, transportation, installation, testing, commissioning, and all accessories required for satisfactory operation.
6. The quoted system shall be complete in all respects. Any materials, fittings, accessories or components not specifically mentioned but required for satisfactory operation shall be deemed to be included in the scope of supply.
7. The bidder shall be responsible for unloading, handling, positioning, assembly, testing and commissioning of the system at the installation site.
8. The acceptance of this Tender rests with the competent authorities as per the rules of the CWRDM who do not undertake to accept the lowest or any particular Tender or assign any reason for the rejection of any Tender.
9. Any further information regarding this Tender which the CWRDM do not consider to be kept confidential, can be obtained from Office of the CWRDM during working hours on any day prior to the last date fixed for the receipt of Tenders.
10. Tender should be submitted with complete technical literature/manual/brochures and required details for the supply.
11. Tenders will be opened on next working day after the due date at 3 PM. However, placing of final orders will depend upon the close scrutiny of Tenders by a duly constituted Purchase Committee in due course.
12. The maximum period required for the supply should be mentioned in the Tender
13. Successful Tenderer shall submit an agreement executed and signed in the prescribed format, in Kerala stamp paper of value Rs.200/-, purchased in Kerala state and Performance security equal to 5% of total cost by means of Bank Guarantee.
14. If the tender has ISI/ISO/BIS for products and factory, the same may also be

mentioned separately in the Tender with the supporting Certificates and Orders.

15. The Tenderer should provide minimum 2 Nos. of end user certificate. CWRDM reserves the right to reject any or all of the Tenders without assigning any reasons thereof. In case of any dispute the jurisdiction shall be Kozhikode District.
16. For technical clarification, please contact Dr. Ashish K Chaturvedi – (P) 0495-2351848, 9650631053(M)

Digitally signed by
Mahadev M G
Date: 29-07-2026
11:06:33

Registrar

Having made myself/ourselves thoroughly acquainted with the clauses of the above Tender Notification and the terms and condition thereof, I/We agree to conform thereto in all respects.

Name and Address of Tenderer in full

(with signature &
seal)

Place:

Date:

**CENTRE FOR WATER RESOURCES DEVELOPMENT AND MANAGEMENT
KUNNAMANGALAM, KOZHIKODE, 673571**

(An Institution of Kerala State Council for Science, Technology & Environment)

Ph: 0495-2351829, 2351814

www.cwrmdm.org

TENDER FORM

1. Tender No : CWRDM/229/2026-A1
2. Name of the Item : Design, Supply, Installation, Testing and
Commissioning of Integrated Multi-Chamber
FRP Water Processing, Filtration, Monitoring,
Storage and Automated Distribution Infrastructure
3. Name of Tenderer in full :
4. Address of Tenderer :

5. Telephone No. of the Tenderer :
6. E-mail Id of the Tenderer :
7. PAN Number of the Tender :
8. Bank Account details :
9. Last date for receipt of Tender : 10-08-2026 at 5 PM
10. Cost of Tender Form : Rs.708/- (D.D No. Date:)
11. EMD : Rs. 3,000/- (D.D No. Date:)
12. Details of Work.

Sl No	Description	Location	Rate	GST	Total
1	Design, Supply, Installation, Testing and Commissioning of Integrated Multi-Chamber FRP Water Processing, Filtration, Monitoring, Storage and Automated Distribution Infrastructure	1 site			
Grand Total					

13. Completion Schedule (in days) :
14. Warranty :
15. Details of Certificates attached, if any:
16. Payment Conditions :
17. Offer validity (in days) :
18. GST No. of Bidder :

I/We agree to the terms and conditions stipulated by CWRDM.

Name, Address & Signature of the
Tenderer with Seal.

Place:

Date:

EXECUTION OF SUPPLY

1. The supplier shall print and supply the Items in the most substantial and good manner and the items supplied shall be of the best quality.
2. No supply will be paid for, unless it is fully in accordance with the specifications.

ASSIGNMENTS

The supplier shall not assign the work and supply or sublet it as a whole or in part without the written consent of the CWRDM nor shall the supplier assign any money due to him hereunder, without the previous consent of the CWRDM. If the supplier contravenes this condition, he shall be considered to have thereby committed a breach of contract and the contract will be terminated.

Place:

Date:

Signature of Tenderer.

With seal.

Declaration by Tenderer

I.....hereby declare
that I am not in any way related to any of the Centre's employees who is in charge of or having
control of this tender proceedings . I agree that if, at any stage it is found that this declaration is
untrue, the contract entered will stand cancelled. It is understood that the relationship with the
Centre's employees referred to herein will be restricted to my Father, Mother, Son, Daughter,
Brother, Sister, Direct Uncle, Nephew, Father-in-law, Sister-in-Law and first Cousins of the officer
concerned.

I/We are assessed to Income Tax and my/our PAN No. is.....

Place:

Date:

Signature of Tenderer.

With seal.