

**Inviting Quotation for Supply and Installation
of AAC Panel for Isolation wards across
Kerala – Zone B- Community Health Center
Olavanna & Community Health Center
Chungathara**



January 2026

RFQ No KIIFC/85/2025-APC(04)Part(1)104

29.01.2026

About us

KIIFCON Private Limited (KIIFCON), a wholly owned subsidiary of Kerala Infrastructure Investment Fund Board (KIIFB), offers consultancy services including professional technical services, sustainable and innovative solutions for infrastructure development.

KIIFCON aims to revolutionize Kerala's infrastructure sector by providing expert technical services to engineering organizations. Their focus spans across various sectors, including transportation, buildings, energy, urban infrastructure, and public-private partnerships (PPP) transactions.

KIIFCON offers a diverse range of services designed to meet the needs of various sectors. Major Key Service areas of KIIFCON are outlined below:

- Consulting & Advisory Services
- Environment Services
- Design & Engineering
- Project & Contract Management
- Geographic Information System
- Quality Management

Notice Inviting Quotation

Director (P&E), KIIFCON on behalf of CEO, KIIFCON PVT LTD invites sealed quotations from experienced agencies for Supply and installing AAC Panels and associated works for its ongoing and upcoming projects in various zones across Kerala.

Scope of Services

The scope of work includes, but is not limited to, the following activities:

Providing and constructing **75 mm thick Autoclaved Aerated Concrete (AAC) wall masonry** for internal and external partition walls, and **column cladding using Calcium Silicate Boards** around steel structural columns, complete in all respects, including supply of materials, fixing, finishing, scaffolding, labour, tools, and all incidentals, as per approved drawings and directions of the Engineer-in-Charge.

TECHNICAL SPECIFICATION

AAC Wall Panel- 75 mm Thickness

Property	Unit	Test Method	Requirement (75 mm)
Nominal Weight	kg/m ²		58
Apparent Density	kg/m ³	IS 2380 (Part 3)	700 – 900
Axial Compression Load / meter width	kN/m	IS 17908 : 2023	125
Bending Test (4-point UDL, 2.9 m span)	N/m ²	IS 17908 : 2023	1250
Flexural Strength (Modulus of Rupture)	kg/cm ²	IS 2380 (Part 4)	40
Thermal Conductivity	W/m-K	IS 3346 / BS 4370	0.17
Sound Transmission Coefficient	dB	IS 9901	40 dB
Fire Rating	Minute s	BS 476 (Part 20 & 22)	180 minutes
Surface Spread of Flame		BS 476 (Part 7)	Class 1
Fire Propagation Index (i)		BS 476 (Part 6)	≤ 3
Ignitability		BS 476 (Part 5)	Class P (Not easily ignitable)
Standard Panel Width	mm		600
Standard Panel Length	m		2.4 m / 2.7 m / 3.0 m

Installation Requirements

- Panels shall be installed as per manufacturer's approved installation methodology
- Joints shall be properly sealed using approved jointing compound and fibre tape

- Panels shall be fixed plumb, level, and true to alignment
- Openings for doors, windows, and services shall be neatly cut without damaging panel integrity
- Finished surface shall be smooth and ready for paint / plaster

Approved Makes

- Birla
- Everest
- Ramco
- Equivalent approved manufacturer complying with above specifications

Measurement & Mode of Payment

AAC Wall Panel:

- AAC wall panels shall be measured in **square metres (m²)** of finished wall area
- Deductions shall be made for openings exceeding **0.1 m²**
- Rate shall include all wastage, cutting, jointing, and finishing
- **Column Cladding:** Measured in **square metres (m²)**
- **Steel Work:** Measured in **kilogram (kg)**

Rates shall be **inclusive of all materials, labour, fixing, cutting, accessories, and incidentals**, complete.

Quality Assurance & Inspection

- Materials shall be new and unused.
- Engineer-in-Charge may inspect materials before or after installation.
- Any defective or damaged material shall be replaced at contractor's cost.

Duration of Engagement

Labour services shall be engaged on a project- or site-specific basis, depending on the work schedule and site-specific requirements. The number of labourers required will be based on requisitions made by KIIFCON. The location of work shall be as per the Chart attached in the Annexure 1. The work shall be completed in **15 days**.

Submission of Quotation

Interested agencies are requested to submit their sealed quotations along with the following details:

- "The bidder must possess a valid Class C Contractor's License and have relevant experience in executing similar works, including the installation, laying, and alignment of EPS wall panels for buildings.
- Details of skilled manpower proposed to be deployed.
- Rate quotation on per square metre (m²)/ metre (m) basis including all taxes and duties.
- Safety compliance declaration and labour welfare compliance details.

Delivery of Applications

The RFQ shall be duly signed on each page by a person authorized by the entity. Documents of the entity authorizing such person must accompany the RFQ. KIIFCON reserves the right to reject outright any RFQ unsupported by proof of the signatory's authority. The above details along with a covering letter shall be submitted on or before 04.02.2026, 3PM in sealed cover with the name of the respondent and address clearly marked and identified as "Request for Quotation for Supply and Installation of AAC Panels for Isolation wards across Kerala- Zone B - **Community Health Center Olavanna & Community Health Center Chungathara**" to the following address:

The Director(P&E)

KIIFCON, 7th Floor, Felicity Square,
MG Road, Thiruvananthapuram- 695001, Kerala.

Any clarification/ communication may be addressed to kiifcon@kiifb.org

General Terms & Conditions

1. KIIFCON reserves the right to accept or reject any or all quotations without assigning any reason.
2. Incomplete or conditional quotations will not be considered.
3. Only bidders who meet the technical criteria specified in the RFQ shall be considered for evaluation of their financial quotations.
4. The lowest offered rate shall be considered, and work order shall be issued to the lowest bidder(L1).
5. The decision of KIIFCON regarding the selection shall be final and binding.
6. The labourers engaged under this RFQ will be required to work in the project sites mentioned in the Annexure 1.
7. The contractor shall provide labour services as per the agreed scope of work, drawings, and specifications provided by KIIFCON.

8. The work shall be executed in accordance with the timelines and milestones defined by KIIFCON.
9. Labour shall be deployed based on the work schedule and site-specific requirements provided by KIIFCON.
10. The contractor shall ensure adequate manpower is available to maintain the progress of work at all sites simultaneously and complete the work as per the time stipulated in the RFQ.
11. All work shall be performed with good workmanship and in accordance with the project specifications and industry standards.
12. Any defective work or materials shall be rectified or replaced by the contractor at no additional cost.
13. The contractor shall be responsible for arranging and bearing the costs of electricity and water connections required for construction purposes.
14. The contractor shall ensure all labourers adhere to site safety protocols and wear personal protective equipment (PPE).
15. The contractor shall visit the site to ensure the safe movement of materials and personnel. Any vegetation, debris, or other obstructions present at the site shall be cleared by the contractor prior to the commencement of work.
16. Accommodation for the labourers and staff shall be arranged by the contractor
17. The contractor shall be solely responsible for the safety and security of all tools and equipment brought to the site.
18. Any injury, accident, or damage caused due to negligence shall be the contractor's responsibility.
19. The contractor shall appoint a competent supervisor on-site to coordinate the labour force and ensure proper execution of work.
20. The supervisor shall act as the contractor's representative and liaise with the site/project engineer of KIIFCON.
21. Payments will be made only after satisfactory completion of work and inspection at site by KIIFCON.
22. Deductions will be made for damages, delays, or non-compliance with contractual terms.
23. The contract will be terminated by either party with prior notice (as agreed), in case of breach of terms, non-performance, or other valid reasons.
24. In such cases, the contractor shall remove all labour and materials belonging to them from the site within the specified time.
25. The rate quoted shall be valid for a period of 4 months from the date of submission of the quote.

Schedule of Quantities

Name of Work: Request for Quotation for Supply and installing AAC panel for Isolation wards across Kerala- Zone B – **Community Health Center Olavanna & Community Health Center Chungathara**

SL: No	Item Description	Qty	Rate/Unit	Amount (Rs)
1	Providing and Fixing of AAC Wall panels with all suitable binding materials (Glue,Joint Tape Roll, Plaster of Paris, Suitable channel section and screws), minimum 75 mm or 3" thick ,exterior quality, and damp proof properties.All fixing,finishing details to follow manufactures specifications and methods. Cost of all materials included; 75 mm thick of required size.	748.86 Sqm		
2	Providing and fixing partition upto ceiling height consisting of G.I. frame and required board, including providing and fixing of frame work made of special section power pressed/ roll form G.I. sheet with Zinc coating of 120 gms/ (both side inclusive), consisting of floor and ceiling channel 50 mm wide having equal flanges of 32 mm and 0.50 mm thick, fixed to the floor and ceiling at the spacing of 610 mm centre to centre with dash fastener of 12.5 mm dia meter 50 mm length or suitable anchor fastener or metal screws with nylon plugs and the studs 48 mm wide having one flange of 34 mm and other flange 36 mm and 0.50 mm thick fixed vertically within flanges of floor and ceiling channel and placed at a spacing of 610 mm centre to centre by 6 mm dia bolts and nuts, including fixing of studs along both ends of partition fixed flush to wall with suitable anchor fastener or metal screws with nylon plugs at	74 Sqm		

	spacing of 450 mm centre to centre, and fixing of boards to both side of frame work by 25 mm long dry wall screws on studs, floor and ceiling channels at the spacing of 300 mm centre to centre. The boards are to be fixed to the frame work with joints staggered to avoid through cracks, M.S. fixing channel of 99 mm width (0.9 mm thick having two flanges of 9.5 mm each) to be provided at the horizontal joints of two boards, fixed to the studs using metal to metal flat head screws, including jointing and finishing to a flush finish with recommended jointing compound, jointing tape, angle beads at corners (25 mm x 25 mm x 0.5 mm), joint finisher and two coats of primer suitable for board as per 66 mm overall thickness Partition with 8 mm thick single skin Calcium Silicate Board made with Calcareous & Siliceous materials reinforced with cellulose fiber manufactured through autoclaving process with Compressive Strength 225 kg/sq cm, Bending Strength 100 kg/sq cm			
3	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete. Hot finished seamless type tubes (Includes all material and Labour Charges)	400 kg		
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level: 1:4:8 (1 Cement : 4 coarse	46.4 cum		

	sand (zone-III) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources)			
5	Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge. Concealed work, including cutting chases and making good the wall etc. 50 mm pipe 6 kgf/cm ²	30 metre		
6	Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes with one step PVC solvent cement and testing of joints complete as per direction of Engineer-in-Charge. Concealed work, including cutting chases and making good the wall etc. 75 mm pipe 6 Kgf/cm ²	30 metre		
7	Providing and fixing PVC pipes, fittings including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes with one step PVC Solvent cement and testing of joints complete as per direction of Engineer-in-Charge. Concealed work, including cutting chases and making good the wall etc. 110 mm pipe 4 kgf/cm ²	30 metre		
8	Filling with contractor own earth (excluding rock) in open areas in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift up to 1.5 m as per direction of site Engineer-in-	40 cum		



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Dr. S J Vijayadas
Director (P&E)
For CEO KIIFCON
KIIFCON PVT LTD