

Inviting Quotation for Providing and installing EPS wall Panel and associated works for Isolation wards – CHC Veliyanad



March 2026

RFQ No: KIIFC/85/2025-APC(04)Part(1)142

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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 Providing and fixing pending EPS wall panels and associated civil works for the Isolation Ward building at CHC Veliyanad, including all materials, labour, transportation, equipment, and accessories required for the completion of the work.

Scope of Work

The scope of this tender includes **supply, transportation, loading, unloading, installation, and completion of pending EPS wall panels and associated civil works** at Isolation Ward building at **CHC Veliyanad**, complete in all respects as per the specifications and directions of the Engineer-in-Charge.

The work shall include but not be limited to:

- Supply and installation of EPS wall panels.
- Providing G.I. framed partitions with calcium silicate boards.
- Fabrication and fixing of steel tubular structural members wherever required.
- Providing PCC works for foundation or base preparation.
- Construction of solid block masonry works.
- Filling works using contractor's own earth.
- All labour, tools, plants, scaffolding, and safety measures required for completion of the work.

The contractor shall execute the work strictly as per approved drawings, specifications, and directions of the Engineer-in-Charge.

TECHNICAL SPECIFICATIONS

EPS Wall Panels

1. **Type**
Expanded Polystyrene (EPS) core concrete sandwich panels with cement boards.
2. **Thickness**
Minimum **75 mm (3 inches)**.
3. **Performance Requirements**
 - Minimum **120 minutes fire rating**
 - Damp-proof properties
 - Suitable for interior partition walls.
4. **Installation**
 - Panels shall be installed as per manufacturer's specifications.

- All joints, connections, and finishing shall be carried out as per approved method statements.
- Panels shall be properly aligned, levelled, and securely fixed.

5. Finishing

- Proper joint treatment and finishing shall be carried out to achieve smooth surfaces ready for further finishing.

GI Frame Partition with Calcium Silicate Board

Frame

- Made of power pressed GI sections with **minimum zinc coating of 120 g/m²**.

2. Channels

- Floor and ceiling channels:
 - Width: **50 mm**
 - Flange: **32 mm**
 - Thickness: **0.50 mm**

3. Studs

- Width: **48 mm**
- Flanges: **34 mm and 36 mm**
- Thickness: **0.50 mm**

4. Board

- **Calcium Silicate Board (8 mm thick)**
- Manufactured through autoclaving process.
- Reinforced with cellulose fibre.

5. Performance

- Compressive strength: **225 kg/cm²**
- Bending strength: **100 kg/cm²**

6. Fixing

- Boards fixed using **drywall screws at 300 mm spacing**.
- Joints staggered to avoid cracks.

Structural Steel Work

Steel work shall include:

- Fabrication using **round/square/rectangular hollow tubular sections**.
- Cutting, hoisting, welding, and fixing in position.
- Providing one coat of **approved steel primer**.
- All nuts, bolts, washers, and welding materials shall be included.

INSTALLATION & WORKMANSHIP

- All works shall be executed in a workmanlike manner as per standard engineering practice.
- EPS panels and partitions shall be perfectly aligned, level, and plumb.
- Surfaces shall be clean before installation.
- All structural members shall be properly fixed and secured.
- Damaged materials shall not be used.
- The contractor shall ensure proper site safety measures during execution.
- Any defects identified during inspection shall be rectified by the contractor at their own cost.

MEASUREMENT & MODE OF PAYMENT

- EPS wall panels and partitions shall be measured in square meters (sqm) of completed work.
- Steel work shall be measured in kilograms (kg).
- Concrete works shall be measured in cubic meters (cum).
- Block masonry shall be measured in cubic meters (cum).
- Earth filling shall be measured in cubic meters (cum).
- Rates quoted shall be inclusive of materials, labour, transportation, tools, plants, scaffolding, wastage, taxes, and all incidental charges required to complete the work.
- Payment shall be made after satisfactory completion of the work and certification by the Engineer-in-Charge.

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. The bidder should have successfully completed at least one such project with a minimum contract value of ₹2 lakhs."
- Copy Annual financial Turnover for the last 3 years.
- 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 13.03.2026, 3PM in sealed cover with the name of the respondent and address clearly marked and identified as "Request for Quotation for Providing and Fixing pending EPS Wall panels and associated works for Isolation Ward- CHC Veliyanad " 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 Providing and Fixing Pending EPS Wall panels and associated works for Isolation Ward- **CHC Veliyanad**

SL: No	Item Description	Qty	Rate/Unit
1	Providing and fixing in position, Dry wall with expanded polystyrene concrete panels (Cement boards sandwiched with EPS)using suitable binding materials, minimum 75 mm or 3" thick ,exterior quality with minimum 120 minutes fire rating and damp proof properties. All fixing, finishing details to follow manufactures specifications and methods. (Including all cost for materials & labour for the erection of walls as per approved drawing)	75.00 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 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	20 Sqm	

	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)	50 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 sand (zone-III) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources)	5 cum	
5	Solid block masonry using pre cast solid blocks (Factory made) of size 30x20x15 cm or nearest available size confirming to IS 2185 part I of 1979 for foundation and plinth with thickness 15cm in: CM 1:6 (1 cement : 6 coarse sand) etc complete	3 cum	
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-charge.	10 cum	

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