



ADVANCED CENTRE FOR ATMOSPHERIC RADAR RESEARCH

അമൃതരീക്ഷ റഡാർ ഗവേഷണ നുതന കേന്ദ്രം
COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY

കൊച്ചി ശാസ്ത്ര സാങ്കേതിക സർവ്വകലാശാല
ST Radar Facility, Cochin – 682 022, India



ACARR/STR/2025-26/112a

02.12.2025

TENDER NOTICE

Sealed competitive tenders are invited by **REGISTERED POST/SPEED POST ONLY/By HAND** from firms having valid GST for the following work in the prescribed form super scribed by the name of work in the cover so as to reach the office of the undersigned not later than **3p.m. on 18.12.2025**. The tenders will be opened at **3:30 p.m. on the same day** by the undersigned or his authorized representative in the presence of those quotationer's or their approved agent who are present at the time of opening.

The tender schedule and other details of work can be downloaded from the website of the Cochin University of Science and Technology at www.cusat.ac.in/ACARR at acarr.cusat.ac.in from **08.12.2025 to 17.12.2025 Up to 4pm.**

Sl. No.	Name of Work	PAC (₹)	Date of Completion
1.	Waterproofing and leak proofing of ST Radar Antenna Floor as part of ST radar maintenance as part of ST Radar Annual Maintenance	1,98,000	24 December 2025

The envelope containing the tender and other documents related to the work should bear the superscription "**ACARR/STR/2025-26/112a": Waterproofing and Leak-Proofing of ST Radar Antenna Floor as part of ST Radar Annual Maintenance**" and should be addressed to the Principle Investigator, MoES Project, ACARR, CUSAT

Principle Investigator

Dr. Abhilash S. Principal Investigator,

MoES Project, ST Radar Facility,

Advanced Centre for Atmospheric Radar Research

Cochin University of Science and Technology,

Kochi – 682022.



**Please Note the Following:**

1. The ACARR council and technical Committee has the right to reject any or all tenders without assigning any reasons thereof.
2. Quantity of items mentioned in the tender document are tentative based on available information. In case, emerging realities require higher or less quantity of items, the final order will be based on the actual requirement as per the quoted unit cost.
3. The Committee reserves the right to issue addendum to tender notice to amend, modify supplement or delete any of the condition, clause or requirements stated etc.
4. The Bid value should be quoted in Indian Rupees only including all applicable taxes.
5. The last date for submitting the bid is 3.00 PM on 18.12.2025.
6. The work is a part of **ST Radar Annual Maintenance** has to be undertaken at Antenna Floor of ST Radar Facility, ACARR, CUSAT, Cochin – 682022, before 24.12.2025 (end of 2nd year project period). The entire cost for transportation, freight, loading, unloading, entry taxes etc are to be borne by the bidder.
7. The Committee reserves the right to make any change in the design and specification.

Scope and Technical Specifications for Waterproofing Works at ST Radar Antenna Floor

Sl. No.	Parameters	Specification
1.	Scope of Work	Waterproofing and leak-proofing of the ST Radar Antenna Floor, including treatment of cracks, joints, and vulnerable areas to prevent water ingress
2.	Area (Approximate)	As per site conditions and measurements at ACARR ST Radar Antenna Floor
3.	Surface Preparation	Thorough cleaning of surface, removal of loose materials, dust, oil, algae, and existing deteriorated coatings; surface to be made dry and sound before application
4.	Crack Treatment	Sealing of all visible cracks, joints, and honeycombs using polymer-modified crack fillers / sealants suitable for exterior applications
5.	Waterproofing Material	High-quality polymer-based / elastomeric waterproofing compound suitable for roof/floor applications, UV resistant, weatherproof, and crack-bridging
6.	Application Method	Multi-coat application as per manufacturer's specifications using brush/roller/spray, ensuring uniform coverage

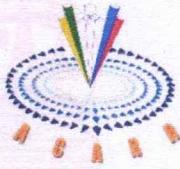




ADVANCED CENTRE FOR ATMOSPHERIC RADAR RESEARCH

അന്തരീക്ഷ റഡാർ ഗവേഷണ നിത്യ കേന്ദ്രം
COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY

കൊച്ചി ശാസ്ത്ര സാങ്കേതിക സർവ്വകലാശാല
ST Radar Facility, Cochin – 682 022, India



7.	Coating Thickness	Minimum thickness as recommended by the manufacturer to ensure effective waterproofing and durability
8.	Leak-Proofing Performance	Coating to be fully waterproof, leak-proof, and capable of withstanding heavy rainfall and prolonged water stagnation
9.	Curing Time	As per manufacturer's guidelines, including adequate drying and curing between coats
10.	Finish	Smooth, seamless, and uniform finish without pinholes or cracks
11.	Warranty / Guarantee	Minimum warranty period against leakage and coating failure (to be specified by contractor)
12.	Safety Measures	All works to be carried out following standard safety norms, including protection of radar equipment and surrounding infrastructure
13.	Inspection & Testing	Final inspection and water-ponding / leak test to confirm effectiveness of waterproofing treatment
14.	Completion Time	Work to be completed within the stipulated time frame as agreed after site inspection


Dr. Abhilash S., Principal Investigator,

MoES Project, ST Radar Facility,

Advanced Centre for Atmospheric Radar Research,
Cochin University of Science and Technology,
Kochi – 682022.

