



CENTRE FOR DEVELOPMENT OF IMAGING TECHNOLOGY (C-DIT)

Chitranjali Hills, Thiruvallam, Thiruvananthapuram-27

Phone: 0471-2380910, 912

No. C-DIT/05/ ESD- WP/2026-27/T815A

Dated 20.05.2026

ELASTOMERIC WATERPROOFING

APPLICATION METHODOLOGY

1. Surface Preparation

- Clean the surface thoroughly by removing dust, oil, grease, loose particles, and algae.
- Ensure the surface is dry and structurally sound.
- Repair cracks, voids, and damaged areas using suitable fillers or repair mortar.
- Provide reinforcing mesh/tape at joints, corners, and critical locations.
- Fibre mesh overlap up to 5 cm.

2. Primer Application

- Apply suitable primer uniformly using brush, roller, or spray.
- Ensure complete coverage of the surface.
- Allow the primer to dry for 1–2 hours or as per manufacturer's specification.

3. First Coat Application

- Apply the first coat of elastomeric waterproofing material evenly.
- Use brush, roller, or spray for application.
- Maintain uniform thickness throughout.
- Apply in a single direction.
- Average consumption 12.2 kg/sqm

4. Second (Final) Coat Application

- Allow the first coat to dry for 6–8 hours.
- Apply the second coat in the opposite direction.
- Ensure full coverage and eliminate pinholes or gaps.

5. Curing

- Allow curing for 24–72 hours.
- Protect the surface from water exposure and damage during this period.

Approved Brand- Sika fostroc Stp Ltd and Asian paints



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TENDER NOTICE

WATERPROOFING WORK ON ROOF SLAB OF SUBSTATION BUILDING & PLASTERING THE CEILING

Sealed tenders are invited for the work of “**waterproofing of roof slab of Substation building of C-DIT and Plastering the Surfaces on the Ceiling**”. The envelopes containing the tender should bear the superscription “**Tender for the work of waterproofing of roof slab of Substation Building**” and should be addressed to The Registrar, Centre for Development of Imaging Technology (C-DIT), Chitranjali Hills, Thiruvallam, Thiruvananthapuram 695027. Intending tenderers may submit the tenders on their own papers by post/hand. Last date for receipt of tenders is **26.05.2026, 11.00 AM**. Late tenders will not be accepted. The tenders will be opened at **11.30 AM on 26.05.2026** in C-DIT office in the presence of the tenderers or their authorized representatives who may be present at that time. Details of the requirements and the conditions governing the supply can be downloaded from our website www.cdit.org

Thiruvananthapuram

20.05.2026

Sd/-

REGISTRAR



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TENDER TERMS

I. GENERAL TERMS AND CONDITIONS

- a) This Tender is invited for the **Water Proofing over the roof of Substation Building and Plastering the Surfaces at C-DIT Thiruvallam** here in after called the **Work** at Thiruvallam, Thiruvananthapuram under the Habitat Technology Group as Project Management Consultants hereinafter called as **PMC** and the Centre for Development and Imaging Technology (C-DIT) as the Client hereinafter called as **Client**
- b) C-DIT reserves the right to cancel any or all tenders for any reason whatsoever.

II ELIGIBILITY CRITERIA OF BIDDER

Bids from those firms which in their individual capacity, satisfy the following eligibility criteria, only will be considered for further evaluation.

- a) The bidder should have a minimum of two years of experience in the field of Civil construction work. The bidder should submit the documents showing the experience of doing similar works (Documentary proof should be submitted).
- b) The bidder should have a good track record in execution of similar nature of work.
- c) The bidder should have currently valid GST registration and PAN allotted to him by IT Department (Copy of the document should be submitted along with the tender).
- d) An undertaking to the effect that the bidder has not been blacklisted by any of the department/organizations of the Govt. of India/State Govt /PSUs

III. SCOPE OF WORK

The scope of work includes waterproofing on the roof slab of Electrical substation building of CDIT at Thiruvallam adhering to the product specifications mentioned in the Tender. Scope of works includes supply of material and Labour works all in complete respects.

IV. WORK DETAILING AND SPECIFICATION

Sl. No	Work Detailing	Area
1	OD243166/2025-2026 Supplying and applying High build membrane with an elongation of >350% and tensile strength of 4.7 specifications hydrophobic polyurethane, cold applied of spray/brush applied, Poly Urethane ASTM D 2370, crack bridging ability of 3mm as per ASTM C1305, no leakage up to 5 bars of water pressure as per DIN 1048, SRI Index of 106 with UV resistance. The system includes final base preparation (including washing and cleaning), epoxy primer application and applying Poly Urethane Coating or approved equivalent in three coats with a consumption of 2.2 Kg per SQM on a primed surface with Epoxy Primer, etc., complete as per Manufacturer elastomeric waterproofing coating (Damp Proof) based on pure, N/mm ² as per	200 sq m
2	13.61.1 Painting with synthetic enamel paint of approved brand and manufacture to give an even shade: Two or more coats on new work	65.92 Sqm
3	OD243173/2025-2026 Repair existing plaster surface in ceiling using Rearm bond EBA (Epoxy Resin Based Concrete Bonding Agent). Complete all the work as per the direction of engineer in charge	1 Nos
4	OD243299/2025-2026 Providing and laying water proofing treatment on roofs of slabs by applying shaliseal PS PG two component poly sulphide sealant after making necessary grooves on the slab, cleaning the surface and sealing the cracks etc complete.	25 Meter
5	14.1.2 Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground within 50 meters lead: Cement mortar 1:4 (1 cement: 4 coarse sand)	12.5 Sqm

V. OTHER TERMS AND CONDITIONS

1. The rate should be quoted for all items listed in the bid form and tenders which do not indicate price information for the listed items in the BOQ will not be considered.
2. Work shall be executed strictly as per the specifications provided. No deviation from the specifications will be allowed without prior consent from CDIT.
3. CDIT reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids at any time prior to award of contract without assigning any reason whatsoever and without thereby incurring any liability to the affected bidder or bidders on the ground of purchaser action.
4. All materials labour, tools and plants centering and scaffolding materials etc. required for the work shall be procured by the tenderer at his own cost. Unless otherwise specified no material will be supplied by the Corporation.
5. The tendered rates shall be inclusive of all incidental charges such as shoring, dewatering, seigniorage for rubble, metal, sand, earth etc. all leads and lifts, charges for contractors store shed, watching, lighting, procurement of adequate supply of good water for the work, hire and working expenses of all tools and plant etc that may be necessary for the completion of the work. The contractor has also to make at his own cost, adequate protection against all damages due to rain, lightning or any natural calamities or by theft etc. and no consideration over and above the accepted rates will be granted on any account.
6. **The bidder shall submit the price offers in the “COMMERCIAL BID FORM” provided along with this tender and shall submit in the specified cover.**
7. **Rate quoted by the bidder shall be inclusive of GST. Quoted rates shall be valid for a period of six months from the date of opening of the tender.**
8. The rate quoted for material/ work shall be firm and no enhancement will be allowed under any circumstances. The enhancement of rate will cause the cancellation of the work order and the security deposit will be forfeited.
9. **No advance payment will be released under any circumstances.**
10. **The bidder has to submit ₹ 10,000 as EMD along with the tender. The EMD shall be submitted as Demand draft (from any Nationalised/scheduled bank) drawn in favour of “The Registrar, C-DIT” payable at Thiruvananthapuram.**

- 11. No EMD exception for MSME's**
- 12. The Contractor shall be responsible for the safety of the labour employed by him or any of his sub-contractors and he shall be liable to pay the necessary compensation in case of any accident, as per Workmen's Compensation Act.**
13. Prior approval shall be obtained from the client for the execution of additional items of work or excess quantities over and above the scheduled quantities for the execution of work.
14. The PMC and the Client reserve the right of carrying out any portion of the work in any manner different from the terms and conditions that may be thought for prior or subsequent to receipt of tenders.
15. The acceptance of this tender vest with the Technical Committee of the PMC and the Client who do not undertake to accept the lowest or any particular tender or assign any reason for the rejection of any tender.
16. All components used shall confirm to relevant ISI standards & specifications
17. The work shall be commenced within 5 working days from the date of work order issued to the contractor and shall be completed within a further **20 days**.
18. a) If the contractor fails to complete the whole work or any part of work within the stipulated time as given in schedule due to reasons attributable to him, the contractor shall, unless any extension of time has been applied for by the contractor and so granted by the PMC and the Client be liable to pay damages to the Client at the rate of 1% of the total value of the contract for every week or part thereof that such work remains so unfinished subject to a maximum of 10% of the total value of the contract, provided that the Client may always have the right to get that portion of the work or the whole of the balance works under the contract executed otherwise as per the provisions of this contract.
- b) The damages mentioned in clause 18 (a) above may be recovered by the Client from the amounts due to the contractor then or thereafter on account of this contract without prejudice to any other means of realizing such damages.***
19. If the bidder/Contractor who participate in the tender shall visit the site in office hour 10.30 AM to 5.00 PM on all Government working days.
20. Material to be used in the work shall be as per specifications mentioned in tender

document and CPWD manuals. These materials shall be of standard, reputed and approved make/brands.

21. The Contractor shall provide everything necessary for the proper execution of the work according to the intent and meaning of the drawings, schedule of quantities and specifications taken together & same may or may not be particularly shown or described therein provided that the same can reasonably be inferred there from and if the Contractor finds any discrepancies therein he shall immediately and in writing refer the same to CDIT whose decision shall be final and binding.
22. The contractor shall not without the previous sanction of the PMC and the Client in writing subcontract any part of the work. If a contractor sub-contracts any part of the contract without the approval of the PMC and the Client he shall be considered to have committed a breach of contract. In such breach of contract, the PMC or the Client may rescind the contract and forfeit his security deposit and the contractor shall have no claim for any compensation for any loss, nor shall he be entitled to recover or paid for any work actually performed under the contract
23. Any dispute / differences between the parties arising out of and in connection with the contract shall be settled amicably by mutual negotiations. Unresolved disputes/ differences, if any, shall be settled by Arbitration and the arbitration proceedings shall be conducted at Thiruvananthapuram (India) in English language, under the Indian Arbitration and Conciliation (Amendment) Act, 2015. Unsettled disputes will be referred to courts and courts in Thiruvananthapuram/ Kerala will have exclusive jurisdiction over the same.
24. Termination Of The Contract: In the event, Contractor fails to execute the work with due diligence or expeditiously or shall refuse or neglect to comply with any orders/ instructions given to him in writing within the scope of the work order or shall contravene the provisions of the work order, CDIT may give notice to the Contractor in writing, calling him to make good the failure within such time which may be deemed reasonable, but not exceeding 10 days & in default, CDIT without prejudice to its right under the work order, may rescind or cancel the work order, holding the Contractor liable for damages and CDIT shall have the option and be at liberty to get the balance /unexecuted work done through some other agency at the risk and cost of the Contractor. The cost so incurred along with damages as decided by the CDIT, shall be recoverable from the dues payable to the Contractor for the work

executed under the work order or any other of his dues payable by CDIT. In case of extremely unsatisfactory execution, in competence, bad workmanship, use of materials officially rejected by the CDIT or similar circumstances, CDIT will reserve the right to terminate the contract and engage separate agencies for completing the work on contractors' risk and cost by serving 3days notice to the contractor

25. Payment Terms: Payment shall be released directly to the Contractor against submission of bill after satisfactory completion of the entire work and certification by the PMC.

26. Performance Bank Guarantee (PBG)/Security Deposit: The Bidder, in the event of an order, should furnish a bank Guarantee from an Indian Nationalized Bank at no extra cost in a Performa prescribed by C-DIT for an amount equivalent to 5% (Five percent) of the value of the contract. The PBG shall be valid for period of 12months from the date of commissioning of the work at C-DIT

27. Agreement: A tripartite agreement shall be executed within 7 days of getting confirmed work order in Rs.200 worth non judicial stamp paper, to ensure work standards and quality of materials used.

28. Authority: The authority for the acceptance of the tender's rests exclusively with the C-DIT.

29. At any time prior to the deadline for submission of tenders, the C-DIT may, for any reason deemed fit by it, modify/amend the tender documents by issuing suitable amendment(s)/ corrigendum's to it. Corrigendum to this tender shall be published in the site www.cditi.org. Prospective bidders are advised to regularly visit the website: www.cditi.org to keep track of corrigendum, if any.

30. In case of doubt:

If the bidder has any doubt on technical specifications or on terms & conditions stipulated above, please contact Shri. Mukesh A P @ 9895788334.

➤ **Last date for submission of bids** : **11.00 AM on 26.05.2026**
Online bid-opening : **11.30 AM on 26.05.2026**

Registrar

C-DIT



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Date: 20.05.2026

FORM - A **(COMMERCIAL BID)**

WATERPROOFING WORK ON ROOF SLAB OF SUBSTATION BUILDING & PLASTERING **THE CEILING**

Quote No.

Date

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5	14.1.2 Repairs to plaster of thickness 12 mm to 20 mm in patches of area 2.5 sq meters and under, including cutting the patch in proper shape, raking out joints and preparing and plastering the surface of the walls complete, including disposal of rubbish to the dumping ground within 50 meters lead: Cement mortar 1:4 (1 cement: 4 coarse sand)	12.5 Sqm		
	Sub Total			
	GST@ (applicable rate)			
	GRAND TOTAL			

Rupees

DECLARATION

I /We have gone through the tender notification and the terms and conditions are acceptable to me /us. I also understand that if any discrepancy/wrong word or misleading information is found at any stage, the tender offer will be ignored/rejected.

Name of the Bidder/Firm/Agency:

Address:

Phone No:

Signature

e-mail id:

Office Seal

Date