



CENTRE FOR DEVELOPMENT OF IMAGING TECHNOLOGY (C-DIT)

Chitranjali Hills, Thiruvallam, Thiruvananthapuram-27

Phone: 0471-2380910, 912 Fax: 0471- 2380681

No. C-DIT/03/MCS-ESD/21-22/T289B

Dated 21.04.2022

TENDER NOTICE FOR THE WORK OF WATERPROOFING OF ROOF SLABS OF OFFICE BUILDINGS

Sealed tenders are invited for the work of waterproofing of roof slabs of office buildings. The envelopes containing the tender should bear the superscription "**Tender for the work of waterproofing of roof slabs of office buildings**" 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 **16.05.2022, 3.00 PM**. Late tenders will not be accepted. The tenders will be opened at **3.30 PM on 16.05.2022** 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.cditi.org

Thiruvananthapuram

21.04.2022

Sd/-

REGISTRAR

CENTRE FOR DEVELOPMENT OF IMAGING TECHNOLOGY (C-DIT)

Chithranjali Hills, Thiruvallom, Thiruvananthapuram-27
Phone: 0471-2380910, 912 Fax: 0471- 2380681

Ref. No: C-DIT/03/MCS-ESD/21-22/T289B

Dated 21.04.2022

TENDER TERMS

1. GENERAL TERMS AND CONDITIONS

- a) This Tender is invited for the "**waterproofing of roof slabs of office buildings**" of CDIT at Thiruvallom as per the tender specification.
- b) C-DIT reserves the right to cancel any or all tenders for any reason whatsoever.

2. 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) Bidder should be a registered company or registered business firm as per Indian Law, doing similar business for the past five years.
- b) The works executed in the own name of the tenderer only will be considered for eligibility criteria. Copy of satisfactory completion certificate of similar work or copy of work order along with work completion certificate given by Clients shall be uploaded. Copy of acceptance letter/ agreement/ work progress certificate shall not be accepted.
- c) The intending bidder must have successfully completed at least **3** similar order.
- d) The bidder should have a registered office in India.

- e) The bidder must have a currently valid GST registration certificate and PAN number.
- f) 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
- g) Documentary evidences (for turnover, works experience, PAN, TIN, all as indicated & required in the tender document should be furnished.

3. **SCOPE OF WORK**

The scope of work includes waterproofing of roof slabs of office buildings of CDIT at Thiruvallom adhering to the product specifications mentioned in the Tender. Scope of works includes supply of material and Labour works all in complete respects.

4. **SPECIFICATION**

Water Proofing - Heavy Duty Reinforced Trafficable Water Proofing Treatment

- a) All the items for Water proofing treatment with heavy-duty terrace water proofing treatment for roof slab shall be guaranteed for FIVE YEARS, to be reckoned from the date of expiring of the Defect Liability period prescribed in the contract. The Guarantee shall be furnished by the contractor as per Performa prescribed.
- b) The treatment for water proofing of roofs, water retaining areas shall be of type and specifications fully effective for a period of not less than 5 years to be reckoned from the date of expiring of the Defect Liability period, prescribed in the contract. At any time during the said guarantee period if the CLIENT/EIC or his representative finds any defects in the said treatment or any evidence of re-infestation, dampness, leakage in any part of buildings or structure and notifies the contractor of the same, the contractor shall be liable to rectify the defect or give re-treatment and shall commence the work or such rectification or re-treatment within seven days form the date of issue of such letter to him. If the contractor fails to commence such work within the stipulated period, the client

may get the same done by another agency at the cost and risk of the contractor and the decision of the client for the cost payable by the contractor shall be final and binding upon him. Retreatment if required shall be attended to and carried out by the Contractor within seven days of the notice from the CLIENT or his representative.

- c) The work shall be got executed from the specialized agency as satisfied by the technical.
- d) Total quantity of the water proofing compound required shall be arranged only after obtaining the prior approval of the Engineer in charge of C-DIT in writing. Materials shall be kept under double lock and key and proper account of the water proofing compound used in the work shall be maintained. It shall be ensured that the consumption of the compound is as per specified requirements.
- e) The approved specialized agency for the work of waterproofing will have to execute a guarantee bond in prescribed Proforma enclosed at **ANNEXURE-B** for fixing any defects for a period of at least 5 years. Guarantee bond shall be signed by both the specialized agency as approved by the Engineer-in-Charge and the Contractor to meet their liability under the guarantee bond. However, the sole responsibility about the efficiency of water proofing treatment shall rest with the Contractor. 10% of the assessed value/ cost of water proofing work as finalized by Engineer- In-Charge shall be retained as additional security deposit and the amount so withheld would be released after ten years from the date of issue of final completion Certificate of the entire work under the agreement. If the performance of the work done is found unsatisfactory and any defects noticed during the guarantee period, they shall be rectified by the Contractor within seven days of receipt of intimation of defects in the work. If the defects pointed out are not attended to within the specified period, the same will be got done from another agency at the risk and cost of the Contractor.

f) **Technical Specification/ Parameters:-**

The heavy-duty reinforced water proofing coating shall conform to the following.
At the manufactures, recommendations the materials must full fill the following.

PROPERTIES	SPECIFICATION	RESULTS
Solid Content, %		Min 65 %
Hardness (Shore A)	ASTM D 2240: 2002	80
Tensile Strength, N/mm ²	ASTM D 412 : 2002	1.2
Elongation at Break, %	ASTM D 412 : 2002	Min 100 %
UV Resistant - Accelerated	ASTM G 154 : 2000	Excellent: No thermal degradation
Weathering (1000 hours)		No cracking, chalking and discoloration
Adhesion Strength, N/mm ²	ASTM D 4541 : 2002	1.0
Water Vapour Transmission	ASTM E 96 : 2000	15-50 g/m ² /daY
Crack Bridging	EN1062-7	a) No cracks up to 2 mm width, b) No cracks up to 1 mm (10 cycles)
Rapid chloride permeability	ASTM C 1202 – 97	Very low
Theoretical Coverage		2 m ² per litre per coat

- The product has no corrosion effect on reinforcement according to test norms.
- IT will not be affected by wear abrasion of the heated concrete surface. (Note:- The manufacturer shall produce relevant test certificates as per relevant code as noted above.)
- Description:- Approved brand new coat is a heavy duty terrace waterproof coating system, composed of specially developed highly elastic & resilient acrylic polymers, properly selected & graded fillers, lightfast & weather durable pigments, micro- fibres, additives & best quality fungicidal in water medium. It is used as a liquid applied waterproofing membrane for all types of building terraces. Approved brand new coat is a three-layer system with coats in different colours ensuring proper build-up of the thickness, making it a reliable waterproofing system. The coating performance can be enhanced by providing a fibre mesh that is embedded or sandwiched between the coats.

Method of Application:- Over existing Building flat/Slope surface Over existing

building Flat / Slope roof surface like; Brick-Bat Coba finish, PCC, cement mortar / screed, Broken China mosaic tiles roof.

Features:-

- Film thickness – Provides higher dry film thickness of 1 mm in three coat application.
- Crack bridging - Bridges cracks up to 2 mm width.
- Strength - Higher tensile strength, tear resistance & bond strength with cementitious substrates.
- Resilience – Forms highly elastic & resilient coating so helps to withstand the structural movements.
- Abrasion resistant – No additional protective coating is required for roof subjected to foot traffic.

5. **WORK DETAILING - METHOD OF APPLICATION**

Surface Preparation -

1. Prepare the surface thoroughly by cleaning, washing and removing dust, dirt, oil, grease and loose particles.
2. In existing old terraces with brickbat coba or screeds, the substrate must be checked for its soundness. Damaged or hollow portions, sharp edges, etc. must be cut and removed till the mother slab. The slab should be recoated with slurry of approved brand URP and cement in 1:1 proportion. After drying, the brick bat coba in that portion should be reinstated by mixing approved brand URP in the base slurry as well as while doing the top coba.
3. In areas, where the coba is sound, the surface cracks must be filled with approved brand Crack-X or polymer-modified mortar in case cracks are wider than 5 mm should be repair using of approved brand MPB / URP .
4. Ensure that the roof slope of a minimum of 1 in 100, is already provided.
5. Bitumen based waterproofing treatments if existing, must be completely removed by mechanical scarification or by any other effective mechanical means.

Application

- Dilute 2 parts of approved brand Prime seal with 1 one part of water. This dilution will cover 7 to 8 sq.mt. Allow it to dry for 6 to 8 hrs.

- Apply 1st coat of approved brand New coat at the rate of 2 sq. mt. per litre (Make grid lines of 1 mtr by 1 mtr on the surface with chalk for measuring application coat of 2 sq. mt.)
- An open woven glass fibre mesh of 2.5 mm x 2.5 mm must be sandwiched between the first and second coat. While the 1st coat is still wet, place the fibre mesh on it.
- approved brand New coat to be applied with brush or roller in one direction only. Check to see no void surface is left untreated / uncoated. Allow the first coat to dry for 6-8 hours.
- Apply second coat of approved brand New coat with the same application coverage. Application direction of second coat should be perpendicular to that of the first coat. Check to see no void surface is left uncoated with second coat. Allow second coat to dry for 6-8 hours.
- Apply third coat of approved brand New coat at an application direction that is perpendicular to that of the second coat with same application coverage rate. Check to see no void surface is left untreated / uncoated. All coats should be applied in direction perpendicular to each other.
- Drying time between coats will be 6 to 8 hrs.
- Allow the system to air cure for 7 days minimum. A total thickness of 1 mm must be achieved in condition.

Precaution

- All corners, gaps, joints, Roof leak repair area & outlets shall be coated with two extra coats.
- Do not apply during rains; substrate MUST be in SSD condition for application of primer.
- The product is designed only for foot traffic and not vehicular or movement of machinery or equipment.
- To achieve the full proof waterproofing, parapet walls should be covered with approved brand Raincoat.
- Never dilute approved brand new coat with water for ease of application.
- New coat is not recommended for application on Non porous surfaces like Marble, Granite, Kota, Kadapa Stone, Full glazed ceramic tiles & clay tiles
- Do not apply when ambient temperature is below 10°C or above 35°C.

- Keep the material in close when not in use.

Storage

- The water proofing materials must be stored in lock and key under proper condition.

6. WORK SCHEDULE

Work Description/ Schedule	Unit	Quantity/ Area
<p>Surface Preparation</p> <ul style="list-style-type: none"> ➤ All loose and de-bonded concrete/ screed/cracks shall be removed and proper repairing to be carried with polymer modified mortar. <p>Terrace Water Proofing</p> <ul style="list-style-type: none"> ➤ Clean the receiving Wroof surface with pressure water.All loose particles, dirt & rub down to original hard surface. 	SqM	<p>1270</p> <p>Admin Block - 474 e-Gov Block - 420 Library Block - 376</p>
<p>Water Proofing</p> <ul style="list-style-type: none"> ➤ Apply one coat of approved primer dilute with water in the ratio 2:1 spreading at the rate of 8.0 - 10.0 /Sq.mt /Litre in the SSD condition. ➤ Apply 1st coat of approved make New coat at the rate of 2 sq. mt. per litre. ➤ Laying a 45 Gsm glass fibre mesh of 2.5 mm x 2.5 mm sandwiched between the first and second coat (Only 		

<p>on horizontal areas). While the 1st coat is still wet. Allow the first coat to dry for 6-8 hours.</p> <ul style="list-style-type: none"> ➤ Apply second coat of approved make New coat with the same application coverage. ➤ Application direction of second coat should be perpendicular to that of the first coat. ➤ Allow second coat to dry for 6-8 hours. Apply third coat of approved make coat at an application direction that is perpendicular to that of the second coat with same application coverage rate. ➤ Check to see no void surface is left untreated / uncoated. Allow the system to air cure for 7 days minimum. A total thickness of 1 mm must be achieved when approved make New coat is dry. ➤ The material having following technical properties: Attains a tensile strength of ≥ 1.20 N/mm² confirming to ASTM D 412; Elongation at break $\geq 100\%$ and Crack bridging ability up to 2 mm, with 10 years waterproofing warranty from Executing agency 		
<p>Flat Roof Plastering</p> <p>Flat Roof Plastering after water proofing using 12m'm thick Cement Plaster of Mix 1:4 (1-Cement,4 fine sand) including watering, curing staging etc</p>	SqM	<p>650</p> <p>Admin Block - 250 e-Gov Block - 220 Library Block - 180</p>

TERMS & CONDITIONS

1. Before placing the bids, the tenderers are advised to inspect the site of work and its environments and be well acquainted with the actual working and other Prevalent conditions position of materials and labour, General and Special Conditions of Contract. Instructions to tenders, drawings and Specifications and all other documents which form part of the Agreements to be entered into.

2. **Date of commencement:** The date of commencement shall be reckoned as the date of work order issued to the successful tenderer.
3. **Time of completion:** Time is the essence of the contract. Being a time bound work in nature, the contractor should make all efforts to complete the work in the stipulated period of 20 days from the date of placement of confirmed order.
4. 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.
5. Finishing work has to be completed in all respects. An incomplete work on any roof slab or any portion of building shall not be measured for payment.
6. Application of water proofing membrane as per specifications described in tender specification shall be provided by approved applicator of Manufacturer of such membrane only. Contractor shall submit all evidence /Credential documents of work experience of applicator before mobilization of applicator on site or when asked by officer in charge to do so. Failure of these requirements will result in failure of approval for commencement of work.
7. The work shall be carried out in occupied office buildings as per the direction of engineer in charge, CDIT. Work & Safety procedure, specifications and standard code of practice shall be strictly followed.

Liquidated Damages: If the Contractor fails to complete the job within the stipulated time, C-DIT will be entitled to charge liquidated damages @ 1% of the accepted contract sum per week subject to a maximum of 10% of the accepted contract sum, following the state purchase rules of the Govt of Kerala.

8. All components used shall confirm to relevant ISI standards & specifications.
9. All component specifications and manufactures/ make shall comprise with the specifications & make mentioned in the Specification or equivalent.

10. No deviation from the specifications will be allowed without prior consent from CDIT. Working hours are limited to day time only. In case to carryout works during nights, it may be done so with the specific prior permission of CDIT. In such case, it is to be carried out in the presence of CDIT officials or their authorized persons.

11. List of Approved Manufacturers: Approved makes of material are listed below. In case it is established that the brands specified below are not available in the market, the Contractor shall submit alternative proposal for the approval of CDIT.

SI.No.	DESCRIPTION OF ITEMS	APPROVED MANUFACTURERS
1	Ordinary Portland cement (conforming to IS 269	L&T, Birla, Ambuja, ACC, JP, Vikram Shree or any other brand with approval.
2	Water proofing compound	Pidilite, Fosroc, Dr.Fixit

Note: The Contractor shall provide samples of materials before undertaking the work for the approval of the CDIT.

12. Samples of all materials and other articles required for use on the work shall be got approved before the starting of work. The articles classified as first quality by the manufactures shall be used. Preference shall be given to these articles which bear ISI certificate mark. In case, articles bearing ISI certification mark are not available articles manufactured by firms of reputes shall be used & the same shall be got approved from engineer in Charge, CDIT.

13. All material and articles brought by the Contractor to the site of work for use shall conform to the samples approved. Final decision to reject any material shall rest with the CDIT.

14. **Defect Liability Period** : The amount towards the defect liability will be deducted & retained from the payment @ 10% of value of work done and it shall be refunded to the Contractor on completion of the defect liability period which shall be 12 months from the date of completion certificate

15.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 Limited whose decision shall be final and binding.

16.The Contractor shall supply, fix and maintain at his own cost, for the execution of any work, all tools, tackles, machineries and equipment and all the necessary centering, staging, planking, timbering, shuttering, shoring, pumping, fencing, boarding, watching and lighting by night as well as by day required not only for the proper execution and protection of the said work but also for the protection of the public and safety of any adjacent roads, streets, walls, houses, buildings, all other erections, matters and things and the Contractor shall take down and remove any or all such centering, planking, timbering, strutting, shoring etc on all occasion as required or when ordered so to do and shall fully reinstate and make good all matters and things disturbed during the execution of works to the satisfaction of the CDIT.

17.The bidder must have the work experience for executing similar type / nature of work during the last 3 (three) preceding years preferably for public sector undertaking / Government establishment or reputed private establishment. Proof of the satisfactory performance from the previous employer to be provided.

Liquidated Damages: CDIT reserves the right for termination of the contract at any time by giving one-week written notice if the services are found unsatisfactory and also has the right to award the contract to any other agency at the cost, risk and responsibility of the Contractor who is awarded the work contract in the first place and any excess expenditure incurred on account of this will be recovered by CDIT from the Security Deposit or pending bills or by raising separate claim on the Contractor.

- 18.** If the Contractor fails to execute or complete the work within the stipulated time or within the time agreed or extended period of the contract as approved. CDIT shall levy a penalty for delayed completion which shall be Rs.500/- (Rupees Five Hundred only) per day of the delayed period subject to maximum of 10% of the contracted amount. CDIT Limited shall have the right to deduct such amount from any money due to the Contractor. The incomplete work, if any, will be done by CDIT at the risk and cost of the Contractor by CDIT.
- 19.** The CDIT will have the right to forfeit the security deposit amount, whole or part thereof or deduct whole or part of the security deposit against payment of amount due to CDIT by way of any loss or damage caused to or would be caused to / suffered by the CDIT by reason of any breach of contract or if any of the terms and conditions contained in the agreement or by reason of Contractor's failure to perform the agreement. The decision on the amount of penalty would be that of CDIT & cannot be contested by the Contractor.
- 20.** Any damage to the existing structure / property, appliances, furniture & fixture and fittings etc. during execution of the work contract, shall be made good immediately on the spot by the Contractor at his own expense.
- 21.** No payment for 'mobilization advance' shall be made under this contract and the Contractor has to mobilize his own resources for the works. The payment amount shall be released on running bill/bills.
- 22.** The Contractor shall depute competent Supervisor for day-to-day supervision, coordination, liaison and other works etc. The representative of the Contractor shall attend regular/required meetings to expedite the works and sort out difficulties, if any. The Contractor is responsible for progress of works and also for hurdles, if any, in the progress of works attributable to the Contractor.
- 23.** 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.

24. Termination For Insolvency: CDIT may at any time terminate the works order by giving written notice to the Contractor, without compensation to the Contractor, if the Contractor becomes bankrupt or otherwise insolvent as declared by the Competent Court provided that such termination will not prejudice or affect any right or action or remedy which has accrued or will accrue thereafter to CDIT.

25. Force Majeure clause: If at any time during the continuance of this contract the performance in whole or in part by either party of any obligations under this contract shall be prevented or delayed by reason, of any war, hostilities, acts of the public enemy, civil commotion, sabotage, fires, explosions, epidemics, quarantine, restrictions or acts of GOD (hereinafter referred to as events) then provided notice of happening of any such events is given by either party to other within twenty one days from the date of occurrence thereof neither party shall reason of such events be entitled to terminate this contract nor shall either party have any such non-performance and delay is resumed as soon as practicable after such events has come to an end or ceased to exist. If the performance in whole or part of any obligation under this contract is prevented or delayed by reason or any such event claims for extension of time shall be granted for period considered reasonable by CDIT subject to prompt notification by the tenderer to CDIT of the particulars of the events and supply to the CDIT if

required of any supporting evidence. Any waiver of time in respect of partial instalment shall not be deemed to be a waiver of time in respect of remaining deliveries.

26. Increase /Decrease in Work : The CDIT reserves the right to increase or decrease the scope of the Work on any or all items or to change the nature of the Work involved in any or all items or to completely delete any items of the Work under the Contract. The Contractor shall not be entitled to claim for loss of anticipated profits, for mobilization of additional resources, or for any other such reason on account of these changed orders. The Contractor is bound to carry out any items of work necessary for the completion of the Work even though such items of work may not be expressly described in the Contract Documents

27. Cleaning of Site : The Contractor shall properly clean the Site as the work progresses and shall remove all rubbish and debris from the Site from time to time as is necessary and as directed by the Engineer-in-Chief / Site In-charge. On completion, the Contractor shall ensure that the premises and/or Site are cleaned, surplus materials, debris, sheds etc removed, areas under floor cleared of rubbish, gutters, drains cleared, doors and sashes eased, locks and fastenings oiled, keys clearly labelled and handed over to the Site in-charge so that the whole is left fit for immediate occupation or use and to the satisfaction of the Officer-In-charge. If the cleanliness of the Site is not completed to the satisfaction of the Engineer-in-Chief / Site-In-charge, the same shall be got done from a specialist housekeeping agency and the cost would be recovered from the Contractor. All rubbish and superfluous materials shall be removed from site at the cost of the contractor after completion of work and prior to submission of final bill. Rubbish may shall not be disposed outside building premises or nearby area.

28. Insurance against accident or injury to Workers: The Contractor shall be responsible for the safety of Contractor's property, materials, all employees or workmen engaged by them or their Sub-Contractors in connection with the Work and shall forthwith report to the Engineer-in-Chief / Site-In-charge any incidence of accidents causing damage to property or injury to personnel, however and wherever caused in the Works, and shall make adequate arrangement for rendering all possible aid to the victims of such accident. Contractor shall be obliged to pay any compensation to the employees or

workmen employed by the Contractor in the execution of the Work, in accordance with the Workmen's Compensation Act or any other Statute as may be applicable. The Contractor shall continue such insurance during the whole of the time till such workmen are employed by them or the Sub-Contractors on the Works. The contractor will observe all necessary precautions at this cost to safeguard the workers during execution of work.

- 29. Safety Requirements :** To be strictly followed and implemented at Site. The Contractor alone shall be responsible for compliance with respect to any safety measures as may be required by law or may be prudent as per the accepted industry practice with respect to the works to be executed under this Contract, under any statutory provisions including but not limited to those specifically provided under the Building and Other Construction Workers (Regulation and Employment) Act, 1996.
- 30.** The Contractor shall be responsible for providing constant and adequate supervision of the Work to ensure compliance with the provisions of laws relating to safety and for taking all practical steps necessary to prevent accidents.
- 31.** The Contractor shall be liable to follow all rules, regulations, generally accepted safety standards as per the best practice in the industry, whether written or not. The Contractor shall also be liable to do all that is necessary and prudent in the construction industry whether or not mandated in any law or this Contract. The Contractor shall incorporate in their operation the requirements of all the "Safety Codes" issued by the Bureau of Indian Standards, National Building Code 2016 and regulations of local Authorities. Where the requirements of BIS Codes, National Building Code and regulations are duplicated by local Authorities, the more stringent regulations shall be deemed to apply.
- 32.** All consequences, damages or losses arising by reasons of any violation of safety norms as specified in the Contract shall be met by the Contractor. The Contractor shall be bound to pay compensation to the persons for the injuries sustained or death owing to neglect of the safety precautions. Should any claim proceedings be filed against the CDIT the Contractor hereby agrees to indemnify the CDIT against the same.

- 33. Indemnity:** The Contractor or the sub- Contractor shall indemnify, defend and hold and keep indemnified, the CDIT from and against all actions, suits, claims costs, liabilities and demands brought or made against the CDIT in respect of any matter or thing done or omitted to be done by the Contractor or any of his Sub-Contractor(s) or their employees, workmen, representatives, agents, servants or suppliers in the execution of or in connection with the Work or the Contractor's or Sub-Contractor's performance under this Contract and against any loss or damage to the CDIT in consequence of any action or suit being brought against the Contractor or any of his Sub-Contractor(s) or their employees, workmen, representatives, agents, servants or suppliers for anything done or omitted to be done in execution of the Work and the Project coordination services under this Contract, including but not limited to meeting the Project milestones, non-compliance with the applicable laws and regulations of the government and local authorities, not obtaining the relevant licenses and permits, infringing any patents rights and specifically regarding use, storage and disposal of hazardous materials. The obligations of the Contractor under this clause shall survive the termination or expiry of this Contract
- 34.** CDIT reserves the right to split the quantity of the items to be supplied among one or more bidders, at its sole discretion.
- 35.** Delivery freight and all other similar charges, taxes etc related with the work shall be borne by the contractor and no separate payment shall be made on this account.
- 36.** Drains, pipes, cables, overhead wires and similar services encountered in the course of the work shall be guarded from injury by the contractor at his own cost, so that they may continue in full and uninterrupted use to the satisfaction of the Officer in charge or his representative thereof and the contractor shall not store materials or otherwise occupy any part of the site in a manner likely to hinder the operation of such services. Should any damage be done by the contractor to any mains, pipes, cables or lines (whether above or below ground), the contractor must make good or bear the cost of making good the same without delay, to the satisfaction of the Engineer or his representative.

- 37.** Any damage caused by the workman of the contractor to walls, ceiling, floors or existing furniture and fixtures etc, should be made good at their cost by the contractor.
- 38.** The contractor shall make arrangements for storage of material, tools and equipment etc at site and CDIT shall not bear any expenses and risks also on this account.
- 39.** The decision of CDIT Limited regarding extension of time with or without levy of penalty shall be final & binding on the Contractor.
- 40.** The contractor shall quote their rates for the best of the materials as specified in the specification sheet and all supplies must be with ISI MARK.
- 41.** Item rate will be inclusive of all kinds of Taxes, etc, whatsoever and CDIT will not pay any claims of the contractor in this respect.
- 42.** Taxes will be deducted at source (TDS) from Bills as per prevailing rules.
- 43.** The contractor has to follow the instructions of CDIT officer in charge from time to time during execution of work.
- 44.** The contractor will have to show all the materials before providing/ using in the above work. If contractor will not show all the materials and will cover them. CDIT can remove those materials, which have not been previously checked, at contractor's cost and will not bear any cost for the same.
- 45.** The rates of the contractor will be deducted per item or % wise from the final bill by CDIT if the work is not as per specification.
- 46.** C-DIT reserves the right to accept or cancel any or all tenders without assigning any reason whatsoever
- 47.** The undersigned does not bind himself to accept the lowest tender and reserve himself the rights of accepting the whole or any part of the tender and the tenderer shall be bound to supply the accepted item at the rates quoted.
- 48.** Authority: The authority for the acceptance of the tender rests exclusively with the C-DIT. The C-DIT does not undertake to accept the lowest or any particular tender or to assign any reason whatsoever for the rejection of any tender.

49. EMD: Rs 10,000/- in the form of Demand Draft drawn in favour of Registrar, C-DIT, payable at Thiruvananthapuram.

50. The rate quoted by the Tenderer shall be inclusive of the transportation charges, installation charges and unloading charges at site. Rates quoted by the tenderer shall be valid for a period of six months from the date of opening of the tender.

51. 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 Act, 1996. Unsettled disputes will be referred to courts and courts in Thiruvananthapuram/ Kerala will have exclusive jurisdiction over the same.

52. Performance Bank Guarantee (PBG)/Security Deposit: The Bidder, in the event of an order, should furnish security deposit by DD or by 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 12 months from the date of supply of the equipment at C-DIT

53. The contractor shall submit the price offers in “Form B” in sealed envelope.

54. Agreement: The Successful bidder within 7 days of getting confirmed work order has to enter an agreement with C-DIT in Rs.200 worth non judicial stamp paper, to ensure proper complementation of the work as per tender condition and specifications.

55. Payment Terms : 100 % payment against successful completion of the work at the site and m-book certification and on submission of performance security deposit.

56. If the bidder has any doubt on technical specifications or on terms & conditions stipulated above, please contact Mr. Mukesh on Mobile Number: 9895788334

57. The last date for submission of bids : 3.00 PM on 16.05.2022
The bids opening day : 3.30 PM on 16.05.2022

Sd/
REGISTRAR, C-DIT
Dated **21.04.2022**



CENTRE FOR DEVELOPMENT OF IMAGING TECHNOLOGY (C-DIT)
Chithranjali Hills, Thiruvallam P.O., Thiruvananthapuram – 695 027

No. C-DIT/03/MCS-ESD/21-22/T289B

Dated 21.04.2022

FORM - B

Sl.No	Item Description	Sq.M	Unit Price	GST	Total Price
1	Surface Preparation and Water Proofing charges	1270			
2	Flat Roof Plastering charges	650			
Total					

Date

Stamp

Name & Signature of Bidder

CENTRE FOR DEVELOPMENT OF IMAGING TECHNOLOGY (C-DIT)

Chithranjali Hills, Thiruvallom, Thiruvananthapuram-27
Phone: 0471-2380910, 912 Fax: 0471- 2380681

Ref. No: C-DIT/03/MCS-ESD/21-22/T289B

Dated 21.04.2022

ANNEXURE – A MANDATORY INFORMATION OF BIDDER

Company Name	:	
Registration Number	:	
Registered Address	:	
PAN NO. / TAN NO./ GST	:	
Name of Partners /	:	of 10 nos portable colour Overhead scanner
City Name	:	
Postal Code	:	
Company's Establishment Year	:	
Company's Nature of Business	:	
Company's Legal Status	:	
Company Category	:	
Contact Details	:	
Contact Name	:	
Designation	:	
Date Of Birth	:	
Correspondence Email	:	
Phone	:	
Mobile	:	

Signature of the bidder :
Name :

CENTRE FOR DEVELOPMENT OF IMAGING TECHNOLOGY (C-DIT)

Chithranjali Hills, Thiruvallom, Thiruvananthapuram-27
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Dated 21.04.2022

ANNEXURE – B

GUARANTEE AGREEMENT

Agreement for Guarantee to be executed by contractors for rectification of defects of water-proofing works after maintenance period (To be executed on a non judicial stamp paper of appropriate value)

The agreement made thisday of Two Thousand Twenty Two between M/s.
(hereinafter called "the Guarantor" of the one part) and the Registrar, CDIT (hereinafter called "the CDIT" of the other part). Whereas this agreement is supplementary to the contract (hereinafter called "the Contract") dated..... and made between the Guarantor of the one part and the CDIT of the other part, whereby the Contractor, interalia undertook to render the roof of buildings in the said contract recited completely water and leak-proof. AND WHEREAS THE GUARANTOR agrees to give a guarantee to the effect that the said structure will remain water and leak-proof for Five year to be reckoned from the date after the maintenance period prescribed in the contract expires. NOW THE GUARANTOR hereby guarantees that waterproofing treatment provided by him will render the structures completely leak-proof and the minimum life of such waterproofing treatment shall be Five years to be reckoned from the date after the maintenance period prescribed in the contract expires. Provided that the Guarantor will not be responsible for leakage caused by earthquake or structural defects or misuse of roof or other structures or alteration and for such purpose: a) Misuse of structure shall mean any operation which will damage water-proofing treatment, like chopping of fire wood and things of the same nature which might cause damage to the structure;

b) Alteration shall mean construction of an additional storey or a part of the roof or construction adjoining to existing roof whereby water-proofing treatment is removed in parts; c) The decision of the CDIT with regard to cause of leakage shall be final. During this period of guarantee the guarantor shall make good all defects and for that matter, in case of any defect being found, render the building waterproof to the satisfaction of the CDIT at the cost of the Guarantor and shall commence the work for such rectification within seven days from the date of issue of the notice, from the CDIT calling upon him to rectify the defects, failing which the work shall be got done by the Department by some other contractor at the GUARANTOR'S COST and risk. The decision of the CDIT as to the cost payable by the Guarantor shall be final and binding. That if the Guarantor fails to execute the waterproofing or commits breaches there under then the Guarantor will indemnify the Principal and his successors against all loss, damage, cost, expense or otherwise which may be incurred by him by reason of any default on the part of the GUARANTOR in performance and observance of this supplementary agreement. As to the amount of loss and / or damage and / or cost incurred by the CDIT, the decision of the CDIT will be final and binding on the parties.

IN WITNESS WHEREOF these presents have been executed by the Obligor..... and by.....and for and on behalf of the CDIT on the day, month and year first above written.

SIGNED, sealed and delivered by OBLIGOR
in the presence of:

- 1.
- 2.

SIGNED FOR AND ON BEHALF OF THE CDIT BY

in the presence of:

- 1.
- 2.**