

हरीश-चन्द्र अनुसंधान संस्थान
HARISH-CHANDRA RESEARCH INSTITUTE
छतनाग रोड, झुंसी, प्रयागराज – 211 019
CHHATNAG, ROAD, JHUNSI, PRAYAGRAJ – 211 019

निविदा सूचना /Tender Notice/18/2025

निदेशक, हरीश-चन्द्र अनुसंधान संस्थान, प्रयागराज की ओर से एचआरआई, प्रयागराज में डी टाईप बिल्डिंग की छत पर तापरोधी पेंटिंग हेतु योग्य ठेकेदारों से ई-निविदाएं दिनांक **03.06.2025** के सुबह **11.00 बजे** तक आमंत्रित की जाती है। निविदा से सम्बन्धित दस्तावेज इसके साथ संलग्न है।

E-Tender are invited on behalf of the Director, Harish-Chandra Research Institute, Prayagraj from eligible contractors for the “Heat insulation painting on a terrace of D type building” at HRI, Prayagraj up-to **11.00 a.m.** on **03-06-2025**. Concerned tender document are attached with this.

Sd/-
रजिस्ट्रार / Registrar
एच०आर०आई० प्रयागराज/HRI, Prayagraj.

Harish-Chandra Research Institute

Chhatnag Road, Jhunsi, Prayagraj

INVITING TENDER FOR

“HEAT INSULATION PAINTING ON A TERRACE OF D TYPE BUILDING” AT HARISH-CHANDRA RESEARCH INSTITUTE, PRAYAGRAJ

Bid Reference No. : NIT – HRI/18/2025

Last date and time for submission of bids : 03.06.2025 up-to 1100 Hrs.

Date and time of opening of Bid : 04.06.2025 up-to 1200 Hrs.

Place of Opening of Bids : Harish-Chandra Research Institute
Chhatnag Road, Jhunsi,
Prayagraj-211019

The dates for submission and opening of the tender mentioned above are final. In case some other dates for these are mentioned elsewhere in the tender document, the above shall prevail over them.

1. Tenders should be submitted only through CPP portal and obtain the Tender Acknowledgement copy as a proof of successful submission. For instruction of online bid submission, please ref. page – 03.
2. The details of tender notification can be downloaded from “<https://eprocure.gov.in/eprocure/app>”.
3. Tender documents for viewing only are also available on HRI web-site address: www.hri.res.in/tenders

Address for any clarification/communication : Mr. Vijay Srivastava SO-C,
0532-2274362,
(ajay@hri.res.in),
Mr. Manish Sharma SO-E,
0532-227 4333,
(manish@hri.res.in)
ENGINEERING SECTION,
HARISH-CHANDRA RESEARCH
INSTITUTE, PRAYAGRAJ

This document contains : 10 Pages

It will be the responsibility of the bidders to check website www.hri.res.in & CPP portal for any amendment through corrigendum in the tender document. In case of any amendment, bidders will have to incorporate the amendments in their bid accordingly.

Sd/-
Seal & Signature of Registrar

Instructions for Online Bid Submission

The bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal.

More information useful for submitting online bids on the CPP Portal may be obtained at: <https://erocure.gov.in/eprocure/app>

REGISTRATION

Bidders are required to enroll on the E-Procurement module of the Central Public Procurement Portal (**URL: <https://erocure.gov.in/eprocure/app>**) by clicking on the link “Online bidder Enrollment” on the CPP Portal which is free of charge. As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts. Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP portal. Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class III certificates with signing key usage) issued by any certifying Authority recognized by CCA India (e.g. Sify / nCode / eMudhra etc.) with their profile. Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC’s to others which may lead for misuse. Bidder then logs in to the site through the secured log-in by entering their user ID/password and password of the DSC/e-Token.

SEARCHING FOR TENDER DOCUMENTS

There are various search options built in the CPP portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, Organization Name, Location, Date, Value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as organization Name, Form of Contract, Location, Date, other keywords etc. to search for a tender published on the CPP Portal. Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective ‘My Tenders’ folder. This would enable the CPP Portal to intimate the bidders through SMS/email in case there is any corrigendum issued to the tender document. The bidder should make a note of the unique tender ID assigned to each tender, in case they want to obtain any clarification/help from the Helpdesk.

PREPARATION OF BIDS

Bidder should take into account any corrigendum published on the tender document before submitting their bids. Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid: Please note the number of covers in which the bid documents have to be submitted, the number of documents – including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.

HARISH-CHANDRA RESEARCH INSTITUTE
(Department of Atomic Energy, Govt. of India)
Chhatnag Road, Jhansi, Prayagraj-211019

Tender Notice No. HRI/18/2025

E-Tender in single bid system is invited on behalf of the Director, Harish-Chandra Research Institute, Prayagraj for the works of ***“Heat insulation painting on a terrace of D type building” at HRI, Prayagraj***

Estimated Cost	EMD	Security Deposit	Time of Completion
Rs. 0. 59 lakhs	Rs. 1180/-	@ 2.5% of work order value	02 weeks

Parties are requested to submit their Tender complete in all respects up to **11.00 a.m.** on **03.06.2025** which shall be opened on **04.06.2025** at **12.00 p.m.**

Director, HRI reserves the right to accept or reject any or all the Tenders without assigning any reason.

Sd/-
Registrar
HRI, Prayagraj

TERMS & CONDITIONS

E-tender in single bid system are invited from eligible contractors ***Heat insulation painting on a terrace of D type building at HRI, Prayagraj***

Following instructions should be strictly followed while submitting your tender.

1. The bids submitted by the vendors should be valid for a minimum period of 90 days from the date of the opening of tender and should be valid till execution of contract agreement.
2. Deadline for receipt of tender **11.00 a.m.** on or before **03.06.2025**. Late submitted tenders will not be considered.
3. The tender will be opened at **12.00 p.m.** on **04.06.2025** and your authorized representatives can be present at the time when the tenders are so opened. If on the day of opening of tender, holiday is declared in HRI then tender will be opened on next working day at same time.
4. Party is required to submit the details as below on separate sheet alongwith tender:
 - i. Name of the Firm
 - ii. Full address of firm
 - iii. Telephone no.
 - iv. E-mail address
5. Bidder is required to submit the proof of experience of having successfully completed works during last seven years ending before the day of opening of tender. In this connection they have to submit the document related to work experience. Without work experience party will not be considered in the tender:
 - 3 similar works completed costing not less than Rs. 0.24 lakhs each OR
 - 2 similar works completed costing not less than Rs. 0.35 lakhs each OR
 - 1 similar works completed costing not less than Rs. 0.47 lakhs

Similar work shall mean: **Civil work related to construction/maintenance of building.**

The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum; calculated from the date of completion to last date of receipt of application for tenders.

and

One completed similar work (either part of (5) or a separate one) costing not less than Rs. 0.24 lakhs with some Central/State Government Organization/Central Autonomous Body/Central Public Sector undertaking during last seven years ending before the day of opening of tender.

6. Account payee demand draft, fixed deposit receipt, banker's cheque from any of the Commercial Banks guaranteed by the Reserve Bank of India for the **Earnest Money Deposit of Rs. 1180/-** in favour of Registrar, HRI, Prayagraj. No exemption for EMD will be entertained. The tender of parties submitted without EMD shall be rejected. The EMD should be valid for a period 45 days beyond the validity period (90 days) of the tender. Bidder should prepare the EMD as mentioned above. The scanned copy of EMD should be uploaded with tender document. The original should be put in Tender box kept at Reception of Institute building, HRI, latest by the last date of bid submission or as specified in the tender documents. The details of the FDR/any other accepted instrument, physically sent, should tally with the details available in the scanned copy and the data entered during bid submission time. Otherwise the uploaded bid will be rejected.

7. The bidder should be registered under GST. They have to submit a proof of Registration with their bid otherwise they will not be considered in this tender.
8. If the bidders do not submit the required document/details with their bids then Institute may ask the bidders to submit the details/documents after opening of their bids.
9. The time of completion of work is **02 weeks** and shall be reckoned from the date of issue of work order.
10. If bidder do not quote rate of any item under schedule of quantities or left the rate column blank then their bid will be treated as unresponsive & shall not be considered.
11. Party should quote their rate in consideration of material, labour, tools & plants, scaffolding etc. and taxes all applicable taxes in the SOQ. The rate quoted by party will be considered as fixed and no other charges will be paid.
12. Party will have to follow all technical & all other procedure details as mentioned on page no. 9 of this tender document.
13. **Payment terms:** Payment will be released after completion of work.
14. The applicable labour cess related to this work will be deducted from the bill amount.
15. This is an item rate tender. Payment will be made to the Contractor as per actual measurement.
16. From the bill amount 2.5% security money will be deducted. It will be released after one year which is the defect liability period from the date of completion of work. If the party deposit equal amount of security money in the form of FDR/BG then required security money may be adjusted or released on the request of party. During this period party has to repair/maintain any defect under this work free of cost. The security money will be released only after all dues clearance from concerned HRI section.
17. Neither the security deposit nor the retention money shall bear any interest.
18. The contractor shall within 24 hours of notice so to do forth with pull down and rebuild any part of the work which has not been erected, build or completed to the satisfaction of the Engineer-in-charge or which is in the opinion of the Engineer-in-charge, defective or not in accordance with the specification or the plans.
19. If the party delays the work without any justified reasons, the penalty would be imposed on them. This will be @ 2% of the order value per week from the end of stipulated period/ (extended the period if any) of contract till the actual completion of work. However, penalty amount will not be more than 10% of order value. If it is found that party is not taking interest during delay period for completing the work then competent authority of Institute may also take decision for terminating the order/contract of concerned work. In this case, EMD of the party will be forfeited. In addition party may be debarred to participate in any tender of HRI for a minimum period of two years or decided by competent authority, HRI.
20. If it is found that quote of lowest party is less than 25% value of estimated cost then party has to submit additional security money (10% of order value) after issue of work order to ensure quality of work. This additional security money will be released with the final bill. If it is found that party is delaying the work without justified reason or doing inferior work deliberately then this security money will be forfeited. This security money will have to be submitted in the form of FDR of scheduled Bank guaranteed by the Reserve Bank of India) in favour of HRI, Prayagraj within seven days after the date of issue of work order.

21. If the contractor fails to execute and complete the work otherwise fail to comply with any of the terms and conditions of this order, then the Institute shall be at liberty without avoiding this order forthwith, to require the contractor to remove his workmen from the site and to take the work out of the hands of the contractor and to employ any other person to execute and use all materials, tools, scaffolding, plants, implements and things on or about the work, and thereafter neither the contractor nor his workman shall have any power to intervene with any person employed by the Institute. All expenses and damages to property incurred by the institute, consequent on the employment and certified by Engineer-in-charge and shall be paid to the Institute by the contractor or deducted by the Institute from any money due to or to become due to the contractor.
22. The contractor shall, at all times, take due and proper precautions against accidents or injury to the work or any person or property, and shall indemnify the company for all motions suits or any damage or compensation payable in consequence of any accident or injury sustained by any workman or other person whether in the employment of the contractor or not.
23. The lowest bidder will be finalized based on overall quoted amount in this tender. However, total amount will be considered based on sum of individual items.
24. Procedure for dealing with ambiguities in rates: That if on check there are differences between the rates given by the contractor in words and in figures or in amount worked out by him, the following procedure shall be followed:
 - (a) When there is a difference between the rates in figures and in words, the rates which correspond to the amounts worked out by the contractor shall be taken as correct.
 - (b) When the amount of an item is not worked out by the contractor, or if it does not correspond with the rates written either in figures or in words, then the rate quoted by the contractor in words shall be taken as correct.
 - (c) When the rate quoted by the contractor in figures and in words tallies, but the amount is not worked out correctly, the rates quoted by the contractor shall be taken as correct and not the amount.
25. Any condition imposed by the party in this tender at their own will not be considered. There will no liability of HRI to take any clearance from party in that regard.
26. The tenders submitted by fax/email will not be considered. No further correspondence will be entertained on this matter.
27. Incomplete tenders are liable to be rejected.
28. The contractor shall not assign or sublet the contract for the work of any part thereof.
29. The contractor shall allow the Engineer-in-charge or their representative to inspect and supervise the work during its prepress.
30. The contractor shall, at his own expenses, within one week from the completion date, remove all tools, plants, scaffoldings, implements and unused materials from the site and leave the same in a clean and proper state, to the satisfaction of the Engineer-in-charge.
31. The Contractor shall agree and undertake to totally indemnify HRI against all expenses, claims, payments, dues, fines, penalties, compensations, liabilities, and losses whatsoever which the HRI may suffer due to the default, violations, omissions thefts, or non-compliance of the statutory and/or contractual obligations committed by the Contractor or its employed. The HRI shall also have the right to deduct and recover all such losses and expenses etc. from any payments due to the Contractor besides seeking appropriate legal remedies for the balance amount or relief, if any.

32. Don't detach any paper from the tender document and put the signature at all the papers of the tender document.
33. Director, Harish-Chandra Research Institute reserves the right to reject any or all tenders and also reduced the scope of work without assigning any reason therefore.
34. In case of any dispute decision of the Director, HRI will be final & binding for all concerned.
35. The contractor will have to supply new and good quality of materials as per given specification under schedule of quantities (Price bid). In case of doubt related to any supplied material by the contractor, testing of material may be get done by any agency and for this the cost involved will be borne by contractor. If it is found that contractor has deliberately supplied the defective/wrong material then their tender may be cancelled. In this case, EMD & Security amount of contractor will be forfeited and they also be debarred for minimum period of five year (or as decided by the competent authority, HRI) to participate in any tender of HRI

Note: The contractor acknowledge that he has satisfied himself as to the nature and location of the work before submitting the tender.

DECLARATION BY THE CONTRACTOR

It is hereby declared that I/We the undersigned, have read and examined all the terms and conditions etc. of the tender document for which I/We have signed and submitted the tender under proper lawful Power of Attorney. It is also certified that all the terms and conditions of the tender document are fully acceptable to me/us and I/We will abide by the conditions from serial no. 1 to 35 This is also certified that I/We/our principal manufacturing firm has no objection in signing the contract if the opportunity for the items against this tender is given to me/us.

Date:

Signature:

Address:

Name:

Designation:

On behalf of company Seal:

Party should sign this page alongwith stamp and attach scan copy of this with their technical bid
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Technical & other procedure details

Application Methodology –

Step No. 1: Surface Preparation New and old surfaces new masonry surfaces:

All traces of form releasing agent/ curing compound must be removed. Old masonry surface: Ensure that surface is completely free from all dirt, loosely held plaster, powdery residue, oil, grease or any other contamination.

Step No. 2: Cleaning

Any previous growth of fungus, algae or moss on the surfaces must be cleaned thoroughly by mechanical means such as wire brushing and by high pressure water jet cleaning.

Step No. 3: Crack Filling

Surface imperfections such as holes and cracks (up to 5mm width) are to be filled by using Rearm Krackfill paste or powder.

Step No – 4

AquaArm Kool Roof Primer is ready for use. Application should only be done with brush or paint brush. The material can likewise be applied with a suitable sprayer. Further applications can only be done after AquaArm Kool Roof Primer is thoroughly dried time at ambient. AquaArm Kool Roof Primer is basically placed on primer to AquaArm Kool Roof and AquaArm KoolRoof primer is recommended prior to application of AquaArm KoolRoof coating. Recommended dosage approx. 80- 110 g/m² for metal Substrate & approx. 200 g/m² for concrete substrate depending upon porosity of the surface.

Step No 5: Product Application Apply AquaArm Kool Roof by a roofing brush or with medium nap lamb's wool roller on the cleaned and washed surface. The second coat to be applied after a gap of min. 6 hrs. To ensure optimum performance apply the second coat at right angles to the first coat. Ensure that the coated area does not come in contact with water for a minimum 8 hours. After completion of full coating, 48hours are the (self) curing period for this painted surface. Do not apply the first coat onto freshly placed concrete or mortar until its moisture content falls below 8%. Note: Over coating Substrate suitability.

For coating on the previously painted concrete/plaster surface, please conduct a trial to check the system suitability with AquaArm Kool Roof by applying over painted surface in a small area. Check for the bonding/finishing of the material with the substrate before going ahead.

Curing:

AquaArm Kool Roof is self-curing. Curing time depends upon the ambient temperature & humidity, the moisture content of the substrate, thickness of film, etc. High temperature and low humidity accelerate the curing process.

Effective temperature difference: Should not be less than 8°C

Note: 1. Before starting the work, the party to whom the work will awarded will have to inform which thermal paint they will use and its effective temperature difference. They will have to give a certificate for this and after the completion of the work, effective temperature difference of paint will have to physically get verified/tested.

2. Any other equivalent brand of prescribed paint/primer may be used. However, prior permission of the concerned authority will be required for this.

Schedule of quantities

Tender Inviting Authority: Director, Harish-Chandra Research Institute

Name of Work: Heat insulation painting on a terrace of D type building at HRI, Prayagraj

Contract No: HRI/18/2025

Name of the Bidder/ Bidding Firm / Company : 						
PRICE SCHEDULE (This BOQ template must not be modified/ replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)						
NUMBER #	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
SI. No.	Item Description	Quantity	Units	RATE (including all taxes) In Figures To be entered by the Bidder in Rs. P	TOTAL AMOUNT INCLUDING ALL TAXES in Rs. P	TOTAL AMOUNT In Words
1	2	4	5	13	53	55
1	Heat insulation painting on the terrace of building (ref. technical & other procedure details mentioned on page no. 9 of tender document)	1000	Sqft.		0.00	NR Zero Only
Total in Figures					0.00	NR Zero Only
Quoted Rate in Words		INR Zero Only				