

GOVERNMENT OF INDIA
DEPARTMENT OF ATOMIC ENERGY
HEAVY WATER PLANT
TUTICORIN – 628 007

NOTICE INVITING e-TENDER NO. HWPT/PROD/RTC/01/2026-27

1. On line item rate tender in two parts i.e. Part 'A' – Techno Commercial Bid and Part – 'B' – Financial Bid are hereby invited through e-Tendering mode on behalf of the President of India by the General Manager, Heavy Water Plant, Tuticorin, Tamilnadu 628 007 for the following work from approved list of CPWD, MES, Railways, Public Sector Undertakings of Central Governments / Central Autonomous bodies and those having adequate experience and capabilities to execute **similar works** (as defined hereafter) of such magnitude.

1	e-Tender Notice No.	HWPT/PROD/11E1 EXCHANGER/2026/01
2	Name of the work	Removal and Refilling of Perlite of Exchanger 11E1 at HWP, Tuticorin
3	Estimated cost	Rs. 7,93,271/- (Including GST @ 18%)
4	Earnest Money Deposit	Rs. 15,865 /- Earnest Money in original to be submitted in the form of Fixed Deposit Receipt or Demand Draft Bankers Cheque/ Pay Order of a Nationalized / Scheduled Bank, issued in favour of P&AO, Heavy Water Plant Tuticorin and also shall be scanned and uploaded to the e-tendering web site within the period of bid submission.
5	Tender Processing Fee	NIL
6	Period of completion / No. of Manpower required	03(Three) calendar months in General shift.
7	Dates for Request for purchase/Download of tender documents (excel/word formats)	From 09.05.2026 (15:00 Hrs) to 15.05.2026 (15:00 Hrs) on www.eprocure.gov.in/eprocure/app .
8	Last date and time of closing of online submission of tenders	15.05.2026 (15:30 Hrs)
9	Last date of submission of original documents towards cost of Tender Document, Receipt of e-payment towards Tender processing Fee and EMD	On or before 15.05.2026 (16:00 Hrs) at GM's Office, Heavy Water Plant, Tuticorin, Tamil Nadu in a sealed superscripted envelope mentioning name of work and NIT Number. Original documents should be submitted preferably in person. However, documents sent by post or courier will also be considered provided the same is received within due date & time.
10	Date and time of online opening of Part A	16.05.2026 (11:30 Hrs)
11	Date of opening of Part B of qualified bidders	Will be notified at a later date
12	Validity of tender	75 days from the last date of receipt of Technical bid

SECTION – 2.**ITEM RATE TENDER & CONTRACT FOR WORKS**

Government of India
Department of Atomic Energy
Heavy Water Plant

1. In the event of the tender being submitted by a firm, it must be signed separately by each partner thereof or in the event of the absence of any partner it must be signed on his behalf by a person holding a power-of-attorney authorizing him to do so, such power of attorney to be produced with the tender and it must disclose that the firm is duly registered under the Indian Partnership Act.
2. Receipts for payments made on account of work when executed by a firm must also be signed by the several partners except where the contractors are described in their tender as a firm in which case the receipts must be signed in the name of the firm by one of the partners or by some other person having authority to give effectual receipts for the firm.
3. Any person who submits a tender shall fill up the usual printed/cyclostyled form stating at what rates he is willing to undertake each item of the work. Tenders which propose any alteration in the work specified in the said form of invitation to tender or in the time allowed for carrying out the work or which contain any other conditions of any sort will be liable for rejection. No single tender shall include more than one work but contractors who wish to tender for two or more works shall submit a separate tender for each work. Tender shall have the name and number of the work to which they refer written outside the envelope.
4. The rate(s) and/or amount(s) must be quoted in decimal coinage.
5. The General Manager or his duly authorized assistant will open tenders in the presence of any intending tenders who may be present at the time and will enter the amount of the several tenders in a comparative Statement in a suitable form. In the event of a tender being accepted, a receipt for the earnest money forwarded therewith shall thereupon be given to the tenderer who shall thereupon for the purpose of identifications sign copies of the specifications and other documents mentioned in Rule . In the event of a tender being rejected the earnest money forwarded with such unaccepted tender shall thereupon be returned to the tenderer remitting the same.
6. The officer inviting tenders shall have the right of rejecting all or any of the tenders and will not be bound to accept the lowest tender.
7. The receipt of an accountant or clerk for any money paid by the tenderer will not be considered as any acknowledgement of payment to the General Manager and the tenderer shall be responsible for seeing that he procures a receipt signed by the Officer on Special Duty or by Pay and Accounts Officer or by a duly authorised cashier
8. The memorandum of work tendered for and the schedule of materials to be supplied by the HWP and their issue rates shall be filled in and completed in the office of the HWP before the tender form is issued. If a form is issued to an intending tenderer without having been so filled in and completed, he shall request the office to have this done before he completes and delivers his tender.
9. The tenderers shall sign a declaration under the official Secrets Act for maintaining secrecy of the tender documents, drawings or any other records connected with the work given to them. The unsuccessful tenderers shall return all the drawings given to them.

DECLARATION

I/We, hereby declare that I/We shall treat the tender documents, drawings and other records connected with the work as Secret/Confidential documents and shall not communicate information/derived there from to any person other than a person to whom I/We Administration building/are authorised to communicate the same or use the information in any manner prejudicial to the safety of the state.

TENDERER(S)

ITEM RATE TENDER FOR WORKS

I/We, hereby tender for the execution for the President of India of the work specified in the underwritten memorandum within the time specified in such memorandum at the rates specified therein and in accordance in all respects with the specifications, designs, drawings and instruction in writing referred to in Rule 1, thereof and in Clause 11 of the conditions of contract and with such materials as are provided for, by and in all respects in accordance with, such conditions so far as applicable.

MEMORANDUM:

General Description of work: Removal and Refilling of Perlite of Exchanger 11E1 at HWP, Tuticorin

- a) Tendered cost : Rs. **7,93,271/-** /- (Including 18% GST)
- b) Earnest Money : Rs. **15,865** /-
- c) Performance guarantee : The successful tenderer, hereafter referred to as contractor shall deposit an amount equal to 5 percent of the tendered and accepted value of the work (Without limit) as performance guarantee in the form of (i) Deposit at call receipt/Banker's Cheque/DD/Pay order of a State Bank of India OR any schedule bank in favour of Pay & Account Officer, Heavy Water Plant, Tuticorin Payable at Tuticorin with in 7 days from the date of LOI. Extension beyond the stipulated time period at request of the contractor will attract late fee @ 0.1% per day of performance guarantee amount.
- d) Security Deposit : A sum at the rate of 2.5% of the gross bill value shall be deducted from each running bill of the contractor on 2.5 % of the tendered value. Such deduction will be and held by way of security deposit unless the contractor deposited the amount. The security deposit will be refunded only after 60 days from the date of completion of contract.
- e) Time allowed for the work : 03 Calendar Months in General shift

Should this tender be accepted in whole or in part, I/We, hereby agree (I) to abide by and fulfill all the terms and provisions of the said conditions annexed hereto and all the terms and provisions contained in notice inviting tenders so far applicable and/or in default thereof to forfeit and pay to the President of India or his successors in Office the sum of money mentioned in the said conditions. A sum of Rs. **15,865** /- is hereby forwarded in the prescribed form as Earnest Money.

If I/We fail to commence the work specified in the above Memorandum, I/We agree that the said President or his successors in office shall without prejudice to any other right or remedy be at liberty to forfeit the said Earnest Money absolutely, otherwise the said Earnest Money shall be retained by him towards Security Deposit mentioned against Clause (d) of the above mentioned memorandum, (ii) to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to therein and to carry out such deviations as may be ordered up to a maximum of 25 % (Twenty five percent) herein after referred to as the deviation limit of tendered amount at the rates quoted in the tender

documents and those in excess of that limit at the rates to be determined in accordance with the provisions contained in Clause 12-A of the tender form.

I/We agree that should I/We fail to commence the work specified in the above memorandum an amount equal to the amount of the earnest money mentioned in the form of invitation of tender shall be absolutely forfeited to the President of India and the same may at the option of the President of India be recovered, out of the deposit in so far as the same may extend in terms of the said Bond and in the event of deficiency out of any other moneys due to me/us or otherwise.

Dated the _____ day of _____ 2026

SIGNATURE OF THE CONTRACTOR

Witness :
Signature :

Address

(Company seal)

(Rupees
(designation of the officer)
(For & on behalf of the President of India)

) is hereby accepted by me

Dated the _____ day of _____ 2026 # SIGNATURE OF ENGINEER

-
- Signature of Contractor before submission of tender.
 - Signature of witness to Contractor's signature
 - # Signature of the Officer by whom accepted

Information, Eligibility, Criteria conditions and Instructions.

1. Tender document is prepared in Two parts viz Part A (Techno Commercial Bid) and Part B (Financial Bid)

Part - A consists of Techno commercial Bid viz.,

- . Notice inviting e-tender
- . Tender Memorandum
- . Scope of Work & Technical Specifications
- . General Conditions of Contract

Part - B (Financial Bid) Consists of Schedule A – Schedule of Quantities.

Prospective Bidders or general public can see and download free of cost PDF Format of above documents from website www.eprocure.gov.in/eprocure/app by searching tender number. To participate in the tender, Prospective Bidders are required to download the excel format of Part A- Techno – Commercial Bid containing Techno-commercial sheet, Annexure-A, List of similar works completed & List of works in Hand and Part B – Financial Bid containing Schedule 'A' after Login in the Home page of the www.eprocure.gov.in/eprocure/app with their User ID/Password & Class III Digital Signature Certificate.

Prospective bidder have to fill the excel documents and upload the same B without renaming it. Please refer Help Manual for submission of Tender/contact Help Desk as per NIT.

The tender documents – Section II to Section VII are available on website www.eprocure.gov.in/eprocure/app by searching tender number.

Initial Eligibility Criteria:

1. The bidder should have the following documents /qualifications:

- (a) Accreditation from Central Government organizations for Laboratory and Registration in Appropriate Class, if any
- (b) Bank Solvency Certificate of a Nationalized Bank/Scheduled Bank for a minimum of **Rs. 3,17,308/-** and should not be older than six months from the date of opening of tender or The net worth certificate shall be minimum **Rs.79,327/-** issued by certified chartered accountant and should not be older than 06 months as on tender opening date.
- (c) Average Annual Financial Turnover on similar works should be at least **Rs.3,96,636/-** (50% estimated value), during last 3 years ending **31st March 2025**. This should be duly audited by a registered Chartered Accountant.
- (d) Should have not incurred any loss in more than two years during last five years ending **31st March 2025**.
- (e) Experience in similar works during last 7 years minimum.
- (f) Performance Certificates.
- (g) Required Technical Staff.
- (h) Valid Registratioh Certificate issued by Department of Sales Tax, for VAT (TIN No.)
- (i) Permanent Account Number (PAN)
- (j) Should have EPF & ESI account.
 - a. The bidder should have satisfactorily completed (based on certification of performance by client of the works) 3 (Three) similar works each of value not less than **Rs. 3,17,308/-** (40%) or 2 (Two) similar work each of value not less than **Rs. 4,75,963/-** (60%) & one similar work carried not less than **Rs. 6,34,617/-** (80%) of estimated cost of this tender during the last 7 (Seven) years ending on the last day of the month previous to the one in which the tender are invited.

2. For the purpose, 'cost of work' shall mean gross value of the completed work included the cost of materials supplied by the Govt./Client, but excluding those supplied free of cost. For the purpose of clause, Similar Works mean "***The bidder should have successfully executed jobs of similar nature, which include scaffolding erection around equipment at higher elevation for maintenance/ other works***"
3. The value of executed works shall be brought to the current costing level by enhancing the 5 actual value of work at simple rate of 7% per annum, calculated from the date of completion to the last date for request for purchase /Download of Tender Document.

General Terms and Conditions:

4. No modifications in the tender shall be allowed after opening Tender.
5. Tenders with any condition including conditional rebate shall be rejected. However, tenders with unconditional rebate will be accepted.
6. The contractor shall bring required tools for the job as when required on department requirement.
7. If any information furnished by the applicant is found to be incorrect at a tender state, they shall be liable to be debarred from tendering/taking up works in HWP in further forever. Also if such a violation comes to the notice of Department before start of work, the Engineer-in-charge shall be free to forfeit the entire amount of EMD and Performance Guarantee.
8. The time allowed for carrying out the work will be reckoned from the 07th day after date of written order to commence to work or from the first day of handing over of the site, whichever is later, in accordance with the phasing, if any, indicated in the tender documents.
9. Tender will be kept valid for 75 days from the last date of receipt of technical bid.
10. In case of last date of receipt of original document towards EMD and date of opening of tender are declared as holiday, the respective date shall be treated as such and postponed to the next working day, correspondingly.
11. Original Demand Draft/Bankers Cheque/Pay Order/Fixed Deposit Receipt towards Earnest Money Deposit as applicable and receipt of e-payment done through electronic mode towards Tender Processing fee shall be submitted at aforementioned place, date and time otherwise Tenders are liable to be rejected and will not be processed further.
12. Cheques for Earnest Money Deposit/Tender Processing Fee will not be accepted.
13. The contractor, whose tender is accepted will be required to deposit an amount equal to 5% of the tendered value of the contract as Performance Guarantee within 7days from the date of issue of LOA. Performance Guarantee of 5% can also be accepted in the form of Bank guarantee in prescribed format (in case Performance Guarantee exceeds Rs. 1.00 lakh), fixed deposit receipts of Schedule Bank or in the form of Government Securities. Earnest money deposited along with bid shall be returned after receiving Performance Guarantee.
14. A sum at the rate of 2.5% of the gross bill value shall be deducted from each running bill of the contractor on 2.5% of the tendered value. Such deduction will be and held by way of security deposit unless the contractor deposited the amount. The security deposit will be refunded only after 60 days from the date of completion of contract. The SD will also be accepted in the form of Government Securities, FDR of Scheduled Bank and Nationalised Bank. These shall be endorsed in favour of the Pay and Accounts office, HWP Tuticorin. EMD shall be returned on submission of TR – 61 Form.
15. If the successful tenderer, fails to furnish the prescribed performance guarantee on or before stipulated dates of commencement the department (HWP) shall without prejudice to any other right or remedy, be at liberty to forfeit the said EMD absolutely.
16. The acceptance of tender shall rest with department which does not bind itself to accept the lowest tender and reserves to itself the authority to reject any or all of the tenders received without assigning any reason. All tenders in which any prescribed conditions are not fulfilled or incomplete in any respect are liable to be rejected.
17. Canvassing in connection with tenders is strictly prohibited and the tenders submitted by the contractors who resort to canvassing will be liable for rejection.

18. On acceptance of the tender, the name of the accredited representative(s) of the contractor who would be responsible for taking instructions from the Engineer-in-charge shall be communicated to the Engineer-in-charge.
19. The department reserves the right to accept the whole or only part of the tender and the tenderer shall be bound to perform the same at the rates quoted.
20. If any tenderer withdraws his tender within the validity period and before award of work whichever is earlier or make an modifications in the terms and conditions of the tender which are not acceptable to the department, then the Government shall without prejudice to any right or remedy, be at liberty to forfeit 50% (Fifty Percent) of the Earnest Money absolutely. Further, the tenderer shall not be allowed to participate in the re-tendering process of the work.
21. The Successful bidder whose tender is accepted will be required to obtain Police Verification Certificate (PVC) issued by Police at his own cost for all his workmen i.e., Engineers, Supervisors and Labourer's to work inside HWP, Tuticorin and should quote accordingly. The PVC will be valid for one year.
22. ESI @ 3.25% & EPF @ 12% shall be reimbursed based on the documentary evidence.
23. PAYMENT TERMS: Payment will be made once in two months by maintaining a RA bill.

Instructions:

24. The contractor should be registered with <http://www.eprocure.gov.in>. Those contractors not registered on the website mentioned above, are required to get registered. If needed, they can be imparted training for online bidding process as per details available on the website.
25. The intending bidder must have valid class-III digital signature for Request for purchase/Download of Tender Document (excel/word formats).
26. The bid can only be submitted / uploaded after providing details of DD/fixed Deposit Receipt towards EMD and other documents as specified.
27. Tenders will be received online upto time & date as mentioned above. Tender will be opened on the time & date as mentioned above. The receipt of tender Processing Fee and EMD will be checked first. If found in order, Commercial Bid will be opened. After opening of Tender, for evaluation, the contractor's ongoing/completed work sites & offices will be visited and their Techno commercial Bid related documents shall be evaluated and accordingly tenderers will be qualified / disqualified by competent authority.
28. On opening date, the contractor can login and see the status of bid after opening.
29. Contractor must ensure to quote rate of each item. The column meant for quoting rate in figures appears in yellow colour and the moment rate is entered, it runs SKY BLUE. In addition to this, while selecting any of the cells warning appears that if any cell is left blank the same shall be treats as Zero.
- 30. The contractor shall give minimum wages to his employees as stipulated by latest government orders.**
31. Contractor should have valid EPF & ESI registration. The employer's contribution as per extant government orders shall be paid by the contractor which shall be reimbursed on production of documentary evidence.
32. The department reserves the right to accept/ reject any prospective application without assigning any reason thereof.
33. Bidders shall not be under a declaration of ineligibility for tender quoting and fraudulent practice.
34. Documentary evidence of adequate financial standing shall be furnished.
35. The contractor worker timing can be changed according to departmental requirements.
36. Safety Compliance: To be followed by all Contract Workmen and Supervisor.
 - a. Follow all the Safety Norms.
 - b. Should restrict themselves to the concerned area only.
 - c. Follow work specific dos and don'ts given by the concerned authority.

Any deviation of the above by any of the Contract Work Men / Supervisor will attract the following penalty

Safety – Non Compliance	Penalty
Once / month	Oral warning
Twice / month	0.50% of the monthly bill
2-5 / month	2.0% of the monthly bill
>5/ month	10.0% of the monthly bill
>8/month	Short closing of order

39. List of Documents to be scanned from original & uploaded within the period of Bid submission by Bidder:

- i) Financial Turn Over certified by CA for last three years.
- ii) Profit & Loss statement certified by CA for last Three Years.
- iii) Latest Bank Solvency Certificate Or. networth certificate.
- iv) Certificates:
 - a) Accreditation/Registration certificate, if any
 - b) Certificates of work experience/performance Certificates.
 - c) Certificate of Registration for Sales Tax/VAT/WCT.
 - d) TIN Registration Certificate.
 - e) PAN Permanent Account Number) Registration
 - f) ESI and EPF account details.
- v) FDR-DD/PO/BC of any Scheduled Bank against EMD.
- vi) Bank Guarantee of any Scheduled Bank against part of EMD, if any
- vii) Documents for carried out "similar-works" in past seven years i.e., Work order copy, completion certificate, Performance certificate etc.
- viii) Note: During technical evaluation missing documents, if any, can be asked by inspection committee for submission.

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SCHEDULE OF QUANTITIES & RATES for Unloading and loading of perlite from 11E1 exchanger at HWP, Tuticorin 2026-

27

Item no:	Description of work	Unit	Quantity	Unit Rate(Rs)	Amount(Rs)
1	Scaffolding , erection & dismatling to unapproachable location of 11E1 exchanger for perlite removal and perlite filling, near inspection doors for inside and outside inspection and for patch up jobs for 11E1 exchanger casing and for total 11E1 casing box painting	M3	1100		
2	Opening and boxing up of inspection doors, roof ,top opening, and bottom drain opening	Nos	20		

3	Removal of perlite from inside the 11E1 exchanger and collection of perlite in bags and storage at designated location	M3	102		
4	Filling of perlite powder inside 11E1 exchanger and boxing up the exchanger.	M3	102		

Note 1. Unit rate is inclusive GST@18%

Note 2. ESI @3.25% and EPF@12% will be reimburse on production of documentary evidence.

41. Scope of work of contractor:-

1. Supply of skilled and experience manpower for scaffolding erection and dismantling, of scaffolding at height for 11E1, unloading of perlite powder from and loading of perlite powder from 11E1 exchanger.
2. The contractor workers have to deal with perlite which is a naturally occurring mineral. It is a non-combustible material powder, which is white solid dust form and the detailed MSDS of Perlite is attached with technical specificaiton with this document. The contractor shall go through the MSDS thoroughly and be aware of the hazards of the chemical.
3. The scaffolding erection and dis-mantling job for the 11E1 exchanger required for perlite filling from top of exchanger, removal of old perlite from the exchanger from bottom and also scaffolding arrangement near inspection doors at various levels of the exchanger for inspection inside the exchanger. Scaffolding is also required for the areas where 11E1 exchanger casing box welding patch up and total painting of the 11E1 casing box works are required.
4. Scaffolding shall be dismantled after the completion of all the auxillary jobs done by the department like painting, patch up works and inspection. The scaffolding dismantling shall be done after the concurrence from Engineer-In-Charge of the job.
5. All the piping, clamping, ropes, etc. for scaffolding erection.
6. The Job shall be started with Obtaining of safety Work Permit, which is followed at Heavy Water Plant, Tuticorin.
7. Mobilization of tools, tackles and skilled man power for carrying out the job. The job shall be completed within 90 days from the date of issue of the work order.
8. The perlite shall be removed after opening the bottom pipe dumping provision through opening the slide plate and conveyed through appropriate hose system and to be collected in large bags which is impervious to perlite and shall be tightly packed and kept in designated location to avoid moisture ingress and contamination.
9. New Perlite will be supplied by the department, but in case if decision by department is to reuse the collected perlite from 11E1. The perlite collected in bags shall be dried to remove moisture as per the requirement of the department and shall be filled back.
10. If the available perlite in the 11E1 is to be reused, they shall be dried in open sunlight for removal of moisture. Necessary items for this job like tarpaulin, and other items for this job shall be envisaged by contractor and shall be ready for this job.
11. Filling reused or new perlite from top side of exchanger , after removing the top roof and opening the door for filling and after closing all the inspection doors and bottom drain pipes in original position. This job shall be done after the clearance from department. After filling, the perlite, top opening boxing up and restoring the top roof in original postion.
12. The required custom made bags for collection, hoses, slings, complete scaffolding materials, platforms and all other tools & tackles to complete the job.
13. The manpower in charge shall be skilled for the carrying out the job of scaffolding erection and work at height for removing perlite and filling perlite.
14. During the handling of perlite, opening doors for perlite filling and removal, opening inspection doors and other related activities, mechanical supervisor or engineer from department shall give instructions and same shall be followed by contractor workers.
15. All the safety gears like helmet, dust mask, gloves, goggles and other PPE (personal protective equipment) shall be provided by the contractor to his manpower, the PPEs will be approved by safety section of Department prior to usage.

16. Contractor is liable for any damage of the department property while carrying out this activity.
17. The time period of the job is 90 days after receiving the Work order by the contractor (inclusive of holidays and public holidays).
18. All contractor employees shall undergo Heavy Water Plant, Tuticorin imparted Safety training (at F& S) & medical checkup (at OHC) prior to the start of job.
19. The work area shall be cleaned immediately after the completion of job. Work completion certificate will be given after the completion of cleaning of work area.
20. All material before being utilized in work shall be inspected and tested by the Engineer-in-Charge or his representative. Only approved materials shall be used in the works.
21. Contractor shall make their own arrangement for accommodation, transportation and PPE kit for their manpower

Notes:

1. Registered contractors can only purchase /download & submit/upload tenders after paying requisite fees.
2. Interested agencies may visit website www.eprocure.gov.in for registration.
3. Contact for assistance/clarifications General Manager (0461)2244701/501, Dy.PM (0461) 2244560 on all working days.
4. Contact for assistance for registration and participation in e-Tendering.
 - a) Sh. Bhushan Borse: LL:022-25487480 Mbile:7276665878
(bhushanborse2411@gmail.com)
 - b) Sh. Mayur Jadhav : LL: 022-25487480 Mobile : 9404212555
(mayurj642@gmail.com)



(R.Subramaniam)
General Manager
HWP Tuticorin

For & on behalf of the President of India