



Basic Details

Organisation Chain	ANERT		
Tender Reference Number	ANERT-TECH/225/2022-PE1(RTS)		
Tender ID	2024_ANERT_657564_1	Withdrawal Allowed	Yes
Tender Type	Open Tender	Form of contract	EPC Contract
Tender Category	Works	No. of Covers	1
General Technical Evaluation Allowed	No	ItemWise Technical Evaluation Allowed	No
Payment Mode	Online	Is Multi Currency Allowed For BOQ	No
Is Multi Currency Allowed For Fee	No	Allow Two Stage Bidding	No

Payment Instruments

Online Bankers	S.No	Bank Name
	1	SBI MOPS

Cover Details, No. Of Covers - 1

Cover No	Cover	Document Type	Description
1	Fee/PreQual/Technical/Finance	.pdf	Technical Bid
		.xls	Financial Bid

Tender Fee Details, [Total Fee in ₹ * - 1,070]

Tender Fee in ₹	1,070		
Fee Payable To	Nil	Fee Payable At	Nil
Tender Fee Exemption Allowed	Yes		

EMD Fee Details

EMD Amount in ₹	11,250	EMD Exemption Allowed	Yes
EMD Fee Type	fixed	EMD Percentage	NA
EMD Payable To	Nil	EMD Payable At	Nil

Work / Item(s)

Title	Supply, Testing, Installation and Commissioning of HT CT-PT units as part of commissioning works of Solar Power Plants in public buildings under Solar City Thiruvananthapuram				
Work Description	Supply, Testing, Installation and Commissioning of HT CT-PT units as part of commissioning works of Solar Power Plants in public buildings under Solar City Thiruvananthapuram				
Pre Qualification Details	Please refer Tender documents.				
Independent External Monitor/Remarks	NA				
Tender Value in ₹	NA	Product Category	Electrical Works	Sub category	NA
Contract Type	Tender	Bid Validity(Days)	30	Period Of Work(Days)	15
Location	Thiruvananthapuram	Pincode	695001	Pre Bid Meeting Place	NA
Pre Bid Meeting Address	NA	Pre Bid Meeting Date	NA	Bid Opening Place	Online
Should Allow NDA Tender	No	Allow Preferential Bidder	No		

Critical Dates

Publish Date	12-Feb-2024 01:15 PM	Bid Opening Date	17-Feb-2024 04:00 PM
Document Download / Sale Start Date	12-Feb-2024 01:15 PM	Document Download / Sale End Date	17-Feb-2024 03:00 PM
Clarification Start Date	NA	Clarification End Date	NA
Bid Submission Start Date	12-Feb-2024 01:15 PM	Bid Submission End Date	17-Feb-2024 03:00 PM

Tender Documents

NIT Document	S.No	Document Name	Description	Document Size (in KB)

	1	Tendernotice_1.pdf	NIT and Abstract	235.38
Work Item Documents	S.No	Document Type	Document Name	Description
	1	Tender Documents	ElectricalCTPT.pdf	Tender Document
	2	BOQ	BOQ_1016116.xls	Financial Bid
				Document Size (in KB)
				562.30
				349.50

Tender Inviting Authority

Name	CEO ANERT
Address	Office of CEO, ANERT Law College Road, Vikas Bhavan. PO, Thiruvananthapuram - 695033



**AGENCY FOR NEW & RENEWABLE ENERGY
RESEARCH AND TECHNOLOGY (ANERT)**

Department of Power, Government of Kerala
Thiruvananthapuram, Kerala – 695 033;
www.anert.gov.in , projects@anert.in

E-TENDER DOCUMENT

*Supply, Testing, Installation and Commissioning
of HT CT-PT units as part of commissioning
works of Solar Power Plants in public buildings
under Solar City Thiruvananthapuram*

Ref. No.: ANERT-TECH/225/2022-PE1(RTS)

VOLUME – 1: GENERAL CONDITIONS

Date of Publishing of Bids : - 12/02/2024

Date of Submission of Bids : - 17/02/2024

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E-TENDER NOTICE

Competitive e-tenders in Two cover system are invited from “Class A” Electrical contractors for the ***Supply, Testing, Installation and Commissioning of HT CT-PT units as part of commissioning works of Solar Power Plants in public buildings under Solar City Thiruvananthapuram.*** The e-tender documents can be downloaded from the e-tendering website of Govt. of Kerala, Tender form will not be available in any other form.

Thiruvananthapuram

12/02/2024

Sd/-

CEO

TENDER ABSTRACT

Ref. No.	ANERT-TECH/225/2022-PE1(RTS)
Name of Work	<i>Supply, Testing, Installation and Commissioning of HT CT-PT units as part of commissioning works of Solar Power Plants in public buildings under Solar City Thiruvananthapuram</i>
Download of Tender Form	http://www.etenders.kerala.gov.in
Last date of submission of Tender	17/02/2023 @ 3.00 PM
Date and Time of opening the Tender	17/02/2023 @ 3.30 PM
Cost of Tender form	Rs. 1,070/- (Incl GST)
EMD	Rs. 11,250/- (Refundable)
Availability of Tender Forms	Website http://www.etenders.kerala.gov.in
Place of opening of tender	Office of CEO, ANERT Law College Road, Vikas Bhavan. PO, Thiruvananthapuram - 695 033, Kerala

Thiruvananthapuram

12/02/2024

Sd/-
CEO

GENERAL TERMS AND CONDITIONS FOR E-PROCUREMENT

This e-Tender is being published for the selection of Electrical contractors for undertaking the replacement of 11 kV HT CT PT units as part of the commissioning works of Solar Power plant in public buildings within Thiruvananthapuram Corporation limits. The tender is invited in one cover system through e-procurement portal of Government of Kerala (www.etenders.kerala.gov.in). Prospective bidders willing to participate in this tender shall necessarily register themselves with above mentioned e-procurement portal. The tender timeline is available in the critical date section of this tender published in www.etenders.kerala.gov.in

1. ONLINE BIDDER REGISTRATION PROCESS:

- 1.1 Bidders should have a Class III or above Digital Signature Certificate (DSC) to be procured from any Registration Authorities (RA) under the Certifying Agency of India. Details of RAs will be available on www.cca.gov.in. Once, the DSC is obtained, bidders have to register on www.etenders.kerala.gov.in website for participating in this tender. Website registration is a one-time process without any registration fees. However, bidders have to procure DSC at their own cost.
- 1.2 Bidders may contact e-Procurement support desk of Kerala State IT Mission over telephone at 0471- 2577088, 2577188, 2577388 or 0484 – 2336006, 2332262 - through email: etendershelp@kerala.gov.in for assistance in this regard.

2. ONLINE TENDER PROCESS:

The tender process shall consist of the following stages:

- i. **Downloading of tender document:** Tender document will be available for free download on www.etenders.kerala.gov.in. However, tender document fees shall be payable at the time of bid submission as stipulated in this tender document.
- ii. Pre-bid meeting: Through online platform to be informed later through ANERT website – www.anert.gov.in
- iii. Publishing of Corrigendum: All corrigenda shall be published on www.etenders.kerala.gov.in and shall not be available elsewhere.

- iv. Bid submission: Bidders have to submit their bids along with supporting documents to support their eligibility, as required in this tender document on www.etenders.kerala.gov.in. No manual submission of bid is allowed and manual bids shall not be accepted under any circumstances.
- v. **Opening of Technical Bid and Bidder short-listing:** The technical bids will be opened, evaluated and shortlisted as per the eligibility and technical qualifications. All documents in support of required qualifications shall be submitted (online). Failure to submit the documents online will attract disqualification. Bids shortlisted by this process will be taken up for opening the financial bid.
- vi. **Opening of Financial Bids:** Bids of the qualified bidders shall only be considered for opening and evaluation of the financial bid on the date and time mentioned in critical date's section.

3. DOCUMENTS COMPRISING BID:

3.1 (a) The First Stage - Part-I Pre- Qualification cum Technical Bid with Commercial terms without Price Bid

Technical proposal shall contain the scanned copies of the following documents which every bidder has to upload:

Part -1 shall contain, Part-I (this document in PDF form)/scanned copies of:

- i. Part I of the tender documents downloaded (signed with office seal)
- ii. Summary of Bid qualification requirement (Annexure A)
- iii. Agreement in the prescribed format (Annexure B) on Govt. of Kerala stamp paper worth Rs.200/-
- iv. Copy of Registration Certificate of the bidder firm
- v. Copy of GST Certificate
- vi. Copy of PAN card /TAN
- vii. Documents to prove the annual Turnover of the bidder along with a certificate from Chartered Accountant regarding net worth. (Capital + Reserves)
- viii. Copy of the work orders and certification regarding execution of the order, to prove the experience in executing similar orders, as specified
- ix. Declaration by the bidder (format as in Annexure – C)

x. Declaration of relationship with ANERT employee (format as in Annexure - D)

3.1 (b) The Second Stage (Financial Cover as per two cover system):

Envelop -2: shall contain the Price Schedule as per BOQ in Excel format for this tender to be downloaded from e-tender website, duly digitally signed by the tenderer/authorized signatory of the tender.

3.2 The department doesn't take any responsibility for any technical snag or failure that has taken place during document upload.

3.3 The Bidder shall complete the Price bid as per format given for download along with this tender.

4. TENDER DOCUMENT FEES

4.1 The Bidder shall pay, a tender document fee of Rs. 1,070/- and Earnest Money Deposit or Bid Security of Rs. 11,250/-. The Bid security is required to protect the purchaser against risk of Bidder's conduct, which would warrant the forfeiture of security.

4.2 Online Payment modes: The tender document fees can be paid in through e-Payment facility provided by the e-Procurement system. Bidders can make payment only via Internet banking facility

State Bank of India Multi Option Payment System (SBI MOPS Gateway): Bidders are required to avail Internet Banking Facility in any of below banks for making tender remittances in eProcurement System.

A) Internet Banking Options (Retail)			
1	Allahabad Bank	32	Kotak Mahindra Bank
2	Axis Bank	33	Lakshmi Vilas Bank
3	Andhra Bank	34	Mehsana Urban Co-op Bank
4	Bandan Bank	35	NKGSB Co-operative Bank
5	Bank of Bahrain and Kuwait	36	Oriental Bank of Commerce
6	Bank of Baroda	37	Punjab and Maharashtra Cooperative Bank
7	Bank of India	38	Punjab National Bank

8	Bank of Maharashtra	39	Punjab and Sind Bank
9	Bassein Catholic Co-operative Bank	40	RBL Bank
10	BNP Paribas	41	Saraswat Cooperative Bank
11	Canara Bank	42	Shamrao Vithal Cooperative Bank
12	Catholic Syrian Bank	43	South Indian Bank
13	Central Bank of India	44	Standard Chartered Bank
14	City Union Bank	45	State Bank of India
15	Corporation Bank	46	Syndicate Bank
16	Cosmos Bank	47	Tamil Nadu Mercantile Bank
17	DCB Bank	48	Tamil Nadu Cooperative Bank
18	Dena Bank	49	The Kalyan Janata Sahakari Bank
19	Deutsche Bank	50	TJSB Bank
20	Dhanalaxmi Bank	51	UCO Bank
21	Federal Bank	52	Union Bank of India
22	HDFC Bank	53	United Bank of India
23	ICICI Bank	54	Vijaya Bank
24	IDBI Bank	55	YES Bank
25	Indian Bank		
26	Indian Overseas Bank		
27	IndusInd Bank		
28	Jammu & Kashmir Bank		
29	Janata Sahakari Bank		
30	Karnataka Bank		
31	Karur Vysya Bank		

B) Internet Banking Options (Corporate)

1	Bank of Baroda	21	Laxmi Vilas Bank
2	Bank of India	22	Oriental Bank of Commerce
3	Bank of Maharashtra	23	Punjab & Maharashtra Coop Bank
4	BNP Paribas	24	Punjab & Sind Bank
5	Canara Bank	25	Punjab National Bank
6	Catholic Syrian Bank	26	RBL Bank

7	City Union Bank	27	Shamrao Vitthal Co-operative Bank
8	Corporation Bank	28	South Indian Bank
9	Cosmos Bank	29	State Bank of India
10	Deutsche Bank	30	Syndicate Bank
11	Development Credit Bank	31	UCO Bank
12	Dhanalaxmi Bank	32	Union Bank of India
13	Federal Bank	33	UPPCL
14	HDFC Bank	34	Vijaya Bank
15	ICICI Bank	35	Axis Bank
16	Indian Overseas Bank		
17	Janta Sahakari Bank		
18	Jammu & Kashmir Bank		
19	Karur Vysya Bank		
20	Kotak Bank		

During the online bid submission process, bidder shall select **SBI MOPS** option and submit the page, to view the **Terms and Conditions** page. On further submitting the same, the e-Procurement system will re-direct the bidder to MOPS Gateway, where two options namely **SBI** and **Other Banks*** will be shown. Here, Bidder may proceed as per below:

- a) **SBI Account Holders** shall click **SBI** option to with its Net Banking Facility., where bidder can enter their internet banking credentials and transfer the Tender Fee and EMD amount.
- b) **Other Bank Account Holders** may click **Other Banks** option to view the bank selection page. Here, bidders can select from any of the 54 Banks to proceed with its Net Banking Facility, for remitting tender payments.

**Transaction Charges for Other Banks vide SBI Letter No. LHO/TVM/AC/2016-17/47 – 1% of transaction value subject to a minimum of Rs. 50/- and maximum of Rs. 150/-*

** Bidders who are using Other Banks option under SBI MOPS Payment Gateway, are advised by SBI to make online payment 72 hours in advance before tender closing time.*

5. SUBMISSION PROCESS:

- 5.1 For submission of bids, all interested bidders have to register online as explained above in this document. After registration, bidders shall submit their Technical bid online on www.etenders.kerala.gov.in along with online payment of tender document fees and EMD.
- 5.2 For page-by-page instructions on bid submission process, please visit www.etenders.kerala.gov.in and click “Bidders Manual Kit” link on the home page.
- 5.3 It is necessary to click on “Freeze bid” link/ icon to complete the process of bid submission otherwise the bid will not get submitted online and the same shall not be available for viewing/ opening during bid opening process.

6. VALIDITY

- 6.1 The tender offer shall be kept valid for acceptance for a period of 3 months from the date of opening of offers. The offers with lower validity period are liable for rejection.
- 6.2 Further, the tenderer may extend the validity of the Bids without altering the substance and prices of their Bid for further periods, if so required

7. DEVIATIONS

- 7.1 The offers of the Tenderers with Deviations in Commercial terms and Technical Terms of the Tender Document are liable for rejection.

8. BLACK LIST

- 8.1 All the intending tenderers shall agree that in the event of the documents furnished with the offer being found to be bogus or the documents contain false particulars, they shall be blacklisted for future tenders/ association with ANERT and EMD shall be forfeited against any losses incurred by ANERT.

9. BIDDER'S LOCATION

- 9.1 The tenderers are requested to furnish the exact location of their offices with detailed postal address and pin code, telephone and fax nos. etc. in their tenders so as to arrange inspection by ANERT, if considered necessary.
- 9.2 All communication shall be made to the registered email of the bidder in the e-tendering systems and ANERT shall not be responsible for non-receipt or delay of any such communication.

10. CORRUPT AND FRAUDULENT PRACTICES

ANERT requires compliance with its policy in regard to corrupt and fraudulent/prohibited practices as set forth in this proposal. In further pursuance of this policy, the selected service Provider(s) shall permit ANERT or its representatives to inspect the accounts, records and other documents relating to the submission of the Proposal and execution of the contract, in case of award, and to have the records inspected by ANERT.

11. CONFLICT OF INTEREST

- i. The service Provider(s) is required to provide professional, objective, and impartial services, at all times holding ANERT's interests paramount, strictly avoiding conflicts with other assignments or its own corporate interests, and acting without any consideration for future work. The supplier has an obligation to disclose to ANERT any situation of actual or potential conflict that impacts its capacity to serve the best interest of ANERT. Failure to disclose such situations may lead to the disqualification of the supplier or the termination of its Contract and/or sanctions by the Government.
- ii. Without limitation on the generality of the foregoing, and unless stated otherwise in this EOI, the Agency(s) shall not be hired under the circumstances set forth below may be in conflict with another assignment of ANERT.
- iii. Relationship with the ANERT staff: a service Provider (including its subsidiaries /partners) that has a close business or family relationship with a professional staff of the ANERT who are directly or indirectly involved in any part of the preparation of the Terms of Reference for the assignment, the selection process for the Contract,

or the supervision of the Contract, may not be awarded a Contract, unless the conflict stemming from this relationship has been resolved in a manner acceptable to ANERT throughout the selection process and the execution of the Contract. Any other types of conflicting relationships as indicated in the EOI

12. CONFIDENTIALITY

- i. From the time the Proposals are opened to the time the Contract is awarded, the agency (ies) should not contact any of the officials of ANERT on any matter related to its Technical and/or Financial Proposal. Information relating to the evaluation of Proposals and award recommendations shall not be disclosed to the agency (ies) who submitted the Proposals or to any other party not officially concerned with the process, until the publication of the Contract award information.
- ii. Any attempt by the agency (ies) or anyone on behalf of the Suppliers to influence improperly ANERT in the evaluation of the Proposals or Contract award decisions may result in the rejection of its Proposal and may be subject to the application of prevailing Government sanctions procedures.
- iii. Notwithstanding the above provisions, from the time of the Proposals" opening to the time of Contract award publication, if a agency (ies) intends to contact ANERT on any matter related to the selection process, it should do so only in writing.
- iv. The Bids should be submitted only through the e-tender portal www.etenders.kerala.gov.in. Agency (ies) shall upload all the necessary documents in the e tender portal before the last date & time for online submission. Proposal received after the submission deadline will be treated as non-responsive and will be excluded from further evaluation process.
- v. Proposals must be direct, concise, and complete. ANERT will evaluate bidders proposal based on its clarity and the directness of its response to the requirements of the project as outlined in this tender document. Bidders shall furnish the required information on their technical and financial proposals in the enclosed formats only. Any deviations in format or if the proper information are not provided properly, the tender will be liable for rejection. Tender Evaluation committee may seek clarification, if required, while evaluating the proposal.

- vi. The technical bid opening date, time and the address are as stated in the tender document. The Financial Proposal shall remain securely stored online till the technical evaluation is completed and the results intimated to all successful bidders

13. APPLICABLE LAW

The work order shall be governed by the laws and procedures established by Government of Kerala, within the frame work of applicable legislation and enactment made from time to time concerning such commercial dealings. Any default in the terms and conditions of the document by the service provider will lead to rejection of work order.

14. AMENDMENT OF TENDER DOCUMENT

At any time prior to the deadline for submission of the tender, ANERT may for any reason, modify the tender document. The amendment document/ corrigendum shall be notified through the website www.etenders.kerala.gov.in and such amendments shall be binding on all the bidders.

15. COMMENCEMENT OF SERVICE

The successful bidder should sign the contract agreement within 10 days of issue of work order. The successful bidder should start the services as defined in the scope of work within 15 days of Issue of work order.

16. GOVERNMENT OF KERALA – CORRUPT AND FRAUDULENT PRACTICES

ANERT follows the policy of the Government of Kerala for anti-corruption and fraudulent practices to maintain sound procurement principles of open competition, economy and efficiency, transparency, and fairness. ANERT requires the agency (ies) to observe the following Government manuals (amended from time-to-time) during the selection process and in execution of such contracts The Kerala Financial Code (KFC), 2008 (7th Edition, 1st Edition was in 1963), The Stores Purchase Manual (SPM), 2013.

CONDITIONS OF CONTRACT

17. GENERAL CONDITIONS

- 17.1 The tenders should be submitted online at www.etenders.kerala.gov.in
- 17.2 The tenders should be as per the prescribed form which should be downloaded from the e-tender website. The cost of tender forms should be paid online, and once paid will not be refunded. Tender forms are not transferable. Tenders that are not in the prescribed form are liable to be rejected.
- 17.3 Intending tenderers should submit their tenders on or before the due date and time mentioned in the tender abstract. Late tender will not be accepted.
- 17.4 Tenders subject to conditions will not be considered. They are liable to be rejected on that sole ground.
- 17.5 The tenders will be opened on the specified day and time in the office of the CEO, ANERT in the presence of such of those tenderer's representatives who may be present with proper authorisation issued by the tenderer.
- 17.6 If any tenderer withdraws from his e-tender before the expiry of the period fixed for keeping the rates firm for acceptance, the earnest money if any, deposited by him, will be forfeited.
- 17.7 The final acceptance/rejection of the tenders rests entirely with CEO, ANERT who do not bind themselves to accept the lowest or any tender.
- 17.8 The successful tenderer shall also execute an agreement for the due fulfilment of the contract within the period to be specified in the letter of acceptance. The agency shall have to pay all stamp duty, Lawyer's charges and other expenses incidental to the execution of the agreement.
- 17.9 In case the agency becomes insolvent or goes into liquidation, or makes or proposes to make any assignment for the benefit of his creditors or proposes any composition with his creditors for the settlement of his debts, carries on his business or the contract under inspection or behalf of or his creditors or in case any receiving order(s) for the administration of his estate are made against him or in case the agency shall commit any act of insolvency or in case in which under any clause or clauses any act of insolvency or in case in which under any clause(s) of this contract the agency shall have rendered himself liable to damages

amounting to the whole of his security deposits, the contract shall, thereupon, after notice given by the Purchasing Officer to the agency, be determined and ANERT may complete the contract in such time and manner and by such persons as ANERT shall think fit. But such determination of the contract shall be without any prejudice to any right or remedy of ANERT against the agency or his sureties in respect of any breach of contract committed by the agency. All expenses and damages caused to ANERT by any breach of contract by the agency shall be paid by the agency to ANERT and may be recovered from him under the provisions of the Revenue Recovery Act in force in the State.

17.10 In case the agency fails to supply and deliver any of the said articles and things within the time provided for delivery of the same, or in case the agency commits any breach of any of the covenants, stipulations and agreements herein contained, and on his part to be observed and performed, then and in any such case, it shall be lawful for ANERT (if they shall think fit to do so) to arrange for the purchase of the said articles and things from elsewhere or on behalf of ANERT by an order in writing under *the* hand of the CEO put an end to this contract and in case ANERT shall have incurred sustained or been put to any costs, damages or expenses by reason of such purchase or by reason of this contract having been so put an end to or in case any difference in price, compensation, loss, costs, damages, expenses or other moneys shall then or any time during the continuance of this contract be payable by the agency to ANERT under and by virtue of this contract, it shall be lawful for ANERT from and out of any moneys for the time being payable or owing to the agency from ANERT under or by virtue of this contract or otherwise to pay and reimburse to ANERT all such costs, damages and expenses they may have sustained, incurred or been put to by reason of the purchase made elsewhere or by reason of this contract having been so put an end to as aforesaid and also all such difference in price, compensation, loss, costs, damages, expenses and other moneys as shall for the time being payable by the agency aforesaid.

17.11 Any sum of money due and payable to the agency (including security deposit returnable to him) under this contract may be appropriated by the CEO or any other person authorised by ANERT and set off against any claim of ANERT for the payment of a sum of money arising out of or under any other contract made by

the agency with ANERT or any other person authorised by ANERT. Any sum of money due and payable to the successful tenderer or agency from ANERT shall be adjusted against any sum of money due to ANERT from him under any other contracts.

- 17.12 Every notice hereby required or authorised to be given may be either given to the agency personally or left at his residence or last known place of abode or business, or may be handed over to his agent personally, or may be addressed to the agency by post at his usual or last known place of abode or business and if so addressed and posted, shall be deemed to have been served on the agency on the date on which in the ordinary course of post, a letter so addressed and posted would reach his place of abode or business.
- 17.13 No representation for enhancement of rate once accepted will be considered.
- 17.14 Special conditions, if any, of the tenderers attached with the tenders will not be applicable to the contract unless they are expressly accepted in writing by the purchaser.
- 17.15 The tenderer should send along with his tender an agreement executed and signed in Kerala Stamp Paper of value Rs.200/-. A specimen form of agreement is given as Annexure B to this tender. Tenders without the agreement in stamped paper will be rejected outright.
- 17.16 Conditions in the technical document, requirements and special conditions of this tender document would override these general conditions, wherever applicable.
- 17.17 ANERT, by notice sent to the agency, may terminate the contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for ANERT's convenience, the extent to which performance of the Supplier under the contract is terminated, and the date upon which such termination becomes effective.
- 17.18 E-tender shall be opened at the time and date announced in the tender notice, and the price bid will be evaluated only after the technical evaluation.
- 17.19 In case any difference or dispute arises in connection with the contract, all legal proceedings relating to the matter shall be instituted in the Court within whose jurisdiction the CEO, ANERT voluntarily resides.

17.20 The Courts situated at the place where the headquarters of ANERT is situated viz, Thiruvananthapuram alone will have jurisdiction to entertain civil suits and all other legal pertaining to this contract.

18. PENALTY FOR DELAY

- i. The schedule given for delivery is to be strictly adhered to in view of the strict time schedule for detailed activities. Any unjustified and unacceptable delay in delivery shall render the bidder liable for liquidated damages at the rate of 0.5% per day upto a maximum of 10% and thereafter the ANERT holds the option for cancellation of the order.
- ii. If the Agency requires an extension of time in completion of the work order period on account of occurrence of any hindrance, he shall apply in writing to the authority, which has placed the supply order, for the same immediately on occurrence of the hindrance but not after the stipulated time. The case will be examined and permission in writing will be necessary for the Bidder.

19. RIGHT TO TERMINATE THE PROCESS

ANERT reserves the right to terminate the process at any time and without assigning any reason. The Purchaser makes no commitments, express or implied, that this process will result in a business transaction with anyone. The Purchaser will not be liable in any way to any person in case of termination of this Bid process except that if the EMD has been received from the Bidder prior to such termination, the EMD will be returned (without any interest) as promptly as possible to the respective Bidders.

20. SPECIAL CONDITIONS

- 21.1 Each bidder should submit only one (1) bid. Any bidder who submits/participates in more than one bid for the work shall be disqualified.
- 21.2 The tenders will be opened at the date and time advised in the Bidding Document. If the due date for receiving and opening the tender happens to be declared holiday, then the tender will be received and opened on the very next day, for which no prior intimation will be given.

- 21.3 If the bidder has NOT submitted the requisite EMD OR Agreement, OR if the price bid is not submitted along with the tender, such tenders will be summarily rejected.
- 21.4 During the tender evaluation, ANERT may seek more clarifications/details from any or all of the tenderers, if felt necessary.
- 21.5 The price bids to be collected from the shortlisted tenderers, which submitted the required documents only will be opened and the work will be awarded based on a Quality and Cost based evaluation after fulfilling all the requirements.
- 21.6 The tender offer shall be kept valid for acceptance for a period of 3 months from the date of opening of bid. The offers with lower validity period are liable for rejection.
- 21.7 Decision of the Chief Executive Officer, ANERT in regard to pre-qualification of Architects shall be final. ANERT reserves the right to reject any or all applications without assigning any reason there to.



**AGENCY FOR NON-CONVENTIONAL ENERGY &
RURAL TECHNOLOGY (ANERT)**

Department of Power, Government of Kerala
Thiruvananthapuram, Kerala – 695 033;
www.anert.gov.in , projects@anert.in

E-TENDER DOCUMENT

*Supply, Testing, Installation and Commissioning
of HT CT-PT units as part of commissioning
works of Solar Power Plants in public buildings
under Solar City Thiruvananthapuram*

Ref. No.: ANERT-TECH/225/2022-PE1(RTS)

VOLUME – 2: SCOPE OF WORKS

Date of Publishing of Bids : - 12/02/2024

Date of Submission of Bids : - 17/02/2024

TECHNICAL SPECIFICATIONS

21. SCOPE OF WORKS

21.1 The scope covers but not limited to the following.

- i. Design, Supply, Testing, Installation, Pre-Commissioning test, Commissioning of HT Metering transformers at the sites mentioned below with the technical requirements as provided.
- ii. Replacement of existing HT CT-PT units within the metering cubicle at the sites mentioned below. The modification in bus bar or chamber in case modification is required to accommodate the new metering units is under the scope of the bidder.
- iii. The liaison with KSEBL for the shutdown and working along with the commissioning of the new units is also to be done by the successful bidder.

Site 1: - KSRTC Administrative building Thampanoor

S/N	ITEM	Qty
1	Supply of Tested 11kV Class 0.2 PT Unit (Indoor and Outdoor)	1
3	Testing and Supply of 11kV CT unit of Class 0.2 with turns ratio 10/5A (Indoor and Outdoor)	3
3	Dismantling of existing CT & PT units along with modification in bus bar arrangement for fixing new CT and PT	1
4	Modification of existing Panel, fixing of CT, laying of cable to panel including labour charges	1
5	supply of cut-out, terminal block and wiring materials for installation and commissioning of Energy Meter	1

Site 2: - Biotechnology & Model Floriculture Centre, Kazhakoottam

S/N	ITEM	Qty
1	Supply of Tested 11kV Class 0.2 PT Unit (Indoor and Outdoor)	1
3	Testing and Supply of 11kV CT unit of Class 0.2 with turns ratio 15/5A (Indoor and Outdoor)	3
3	Dismantling of existing CT & PT units along with modification in bus bar arrangement for fixing new CT and PT	1
4	Modification of existing Panel, fixing of CT, laying of cable to panel including labour charges	1
5	supply of cut-out, terminal block and wiring materials for installation and commissioning of Energy Meter	1

22. BID QUALIFICATION REQUIREMENTS

- a. Every tenderer should submit along with his e-tender an Earnest Money Deposit (EMD). This may be done electronically from any of the Nationalized/Schedule Banks. The EMD of the disqualified tenderers will be returned automatically through e-procurement system. The EMD of the successful tenderers may be adjusted towards the security deposit. No interest shall be paid for the earnest money deposited.
- b. An agreement in Rs.200/- Kerala stamp paper as per the format given in Annexure B must be submitted along with e-tender document.
- c. Bidder should have a valid Class "A" electrical license issued by competent authority i.e., Electrical Inspectorate of Kerala, at the time of bidding.
- d. The Bidder should have successfully & satisfactorily completed works of not less than Rs. 10 Lakhs in the Central /State Govt. / Autonomous bodies/PSUs/ Corporation during last 5 years ending on the last date of submission of the tender. *Similar nature of work means having experience in the work of Supply & Installation/renovation/modification/up-gradation of electrical installations in Central/State Govt./Autonomous bodies/ PSUs.*
- e. Bidder should have average annual turnover not less than Rs. 15 Lakh during the last three consecutive financial years. A copy of C.A. Certificate is required in the support of turnover.

23. SELECTION PROCEDURE

ANERT will evaluate all the proposals to determine whether these are complete in all respects as specified in the tender document. Evaluation of the proposals shall be done in three stages as:

23.1 Level - I (Technical Evaluation):

ANERT shall evaluate the technical bid(s) to determine whether these qualify the essential eligibility criteria, whether the bidder has submitted the EMD whether any computational errors have been made, whether all the documents have been properly signed & stamped, whether all the documents as mentioned / or required to submitted

with technical bid are submitted and whether bids are completed and generally in order. A detailed proposal to be submitted as part of the bid including proper site survey details.

After evaluation of technical bid(s), a list of the qualifying bidder(s) shall be made. Short-listed bidder(s) shall be informed of the date, time and place of opening of financial bid(s) (online).

23.2 Level – II (Allocation of works)

The financial bids of all the technically qualified bidders will be opened and shall be evaluated. The work will be awarded to the lowest bidder complying all the requirements.

24. PAYMENT

24.1 No advance payment will be given. All the documents submitted should be certified by the concerned District Office of ANERT.

24.2 The 100 % payment will be released upon completion of works and upon commissioning of the system

25. TECHNICAL & GENERAL REQUIREMENTS

25.1 General Requirements

The installation shall generally be carried out in conformity with the requirements of the Indian Electricity Act, 1910 as amended upto date and the Indian Electricity Rules, 1956 framed there under, the relevant regulations of the Electric Supply Authority concerned, and also with the specifications laid down in the Indian Standard I.S. 732-1963 Code of Practice (revised) for Electrical Wiring Installations (System voltage not exceeding 650 volts) and I.S. 2309-1969 Code of Practice for the protection of Buildings and Allied Structures against lightning. The wiring shall also be according to the specifications of Local Authority and as per N.E.C.

Electrical Installation work shall be carried out only by Contractor/Contractors holding valid contractors' license issued by the concerned State Government as applicable to the voltage grade and nature of electrical installation work in accordance with Rule 45 of Indian Electricity Rules, 1956 with its latest amendments. The work shall also be carried out under the direct supervision of a person holding a certificate of competency and by a person holding License/ permit issued or recognised by the concerned State Government.

25.2 Materials

All materials, fittings, appliances, used in electrical installations, shall conform to Indian Standard Specifications wherever these exist. A list of approved materials is attached afterwards. Materials not included in the list shall be got approved by Owner/ Architects/ Engineer-in-Charge prior to actual use.

25.3 Eligibility, Licence, Supervision

Only Contractor having valid contractors' licence, issued by the concerned State Government, for doing the category of work as per tender shall be eligible for award of contract. A xerox copy of such licence shall be enclosed with the contract offer.

All work shall be carried out under direct supervision of Licensed Electrical Supervisor and Tradesman, certified by Electrical Authority for the requisite part. The Contractor shall ensure that all the above statutory licenses are renewed before they lapse, during tenure of this work. Owner shall have the right to call for verification of all licenses as and when felt necessary by them or their authorised representative.

25.4 Site Condition

The contractor should inspect the work site, where the works under this contract are to be carried out, and obtain for himself at his own responsibility all the information which may be necessary for the purpose of the successful execution of the contract He must also make himself conversant with all the local conditions, means of access to the site of work, nature, extent of transport facilities & character of the work and supply of materials, conditions affecting labour and other matters that may affect his tender. The work shall be carried out in coordination with the interior decoration work of the building using modular type furniture, partitions, false ceilings with recessed type wireways, cabling and earthing arrangements and installation of modular type switches, socket outlets and other terminal outlets required for telephone (Internal & External), Computer terminals etc.

25.5 Wires & Cables

All wires and cables to be used in electrical wiring shall have ISI marking on it.

25.6 Conduits

The conduits to be used in wiring shall conform to I.S 9537 (Part-II)-1981 or latest in all respects and shall have ISI marking on it.

25.7 Effecting Connection & Commissioning, Electrical Inspection etc

- a. The Owner will apply for Service Connection. However, all the necessary forms required for Electrical Service Connection and Electrical Inspection etc are to be collected/arranged and to be filled up by the contractor and submitted to Authority after due endorsement by the Owner along with necessary fees, if required. Owner will reimburse the necessary/statutory fees paid by the Contractor on his behalf, on production of the money receipt of the Inspecting Authority/ Authority.
- b. The contractor will have to carry out the formalities with the Licensee including negotiations for the same with licenses for the subject installation, as necessary.
- c. The Contractor has to take all initiative/responsibility towards approval of the electrical installation and permission to switch on power supply and get the installation passed by the Electrical Inspector/Local Authority in all respects including any variations, alterations, and modifications after instructions of Licensee/Inspector/Authority, if any for permanent energisation. All the above are in the Contractor's scope of work and the necessary cost for the same should be included in the rates quoted by them. No other payment shall be made whatsoever in this connection except the payment of the statutory fees against production of documentary evidences only.
- d. The Contractor shall submit to the Electrical Authority necessary Test Forms, Electrical Layout Drawings. Single Line Diagram, etc as required, for approval and permanent energisation of the installation without delay.

25.8 Safety Code – Electrical Installation

- a. The Safety Code will be as per Indian Electricity Rules 1956 and subsequent amendments made upto date, and as per various prevailing I.S. Codes of Practice for Electrical Installation. Temporary Electrical Wiring shall be done in the manner as advised by the
- b. Owner/Architect with necessary supports when drawn overhead and proper clamping/fixing and should conform to requirement of Indian Electricity Rules, various I.S. Codes of Practice for Electrical Installation and Local Regulations.

25.9 Materials

All materials, fittings, appliances, used in electrical installations, shall conform to Indian Standard Specifications wherever these exist.

FORMAT FOR COVERING LETTER

(This letter to be submitted on the official letter head of the tenderer, signed by the authorised signatory.)

Sir,

I/We hereby e-tender to supply, under annexed terms and conditions of contract, the whole of the articles referred to and described in the attached specification and quantity decided by the Agency for Non-conventional Energy and Rural Technology (ANERT), at the rates quoted against each item.

I am/We are remitting herewith the required amount of Rs. towards the cost of e-tender and Earnest Money Deposit by electronic payment vide transaction No dtd

Yours faithfully,

Place:

Signature

Date:

Name

Designation

(Office Seal)

ANNEXURE A – SUMMARY OF BID QUALIFICATION REQUIREMENTS

(To be filled in by the bidder)

1.	Name of the bidder	
2.	Address in full	
3.	Contact Details Mobile : Land Phone Fax Email	
4.	Name and Designation of the authorised signatory	
8.	Annual turnover of the firm during last three years (Rs.) (Proof to be enclosed)	2022-23 2021-22 2020-21
10.	Whether Bidder was/is De-barred by ANERT (Yes/No)? If ' Yes' period of De-Barring:	
11.	Agreement submitted (Yes/ No)?	

Documentary evidence for the bid qualification requirements are submitted along with this document and the details furnished above are true and correct.

Signature
of authorised signatory

Name

Designation

Date:

(office seal)

ANNEXURE B - AGREEMENT

ARTICLES OF AGREEMENT executed on this the day of

Two thousand andbetween the **Agency for New & Renewable Energy Research and Technology** (hereinafter referred to as **ANERT**) of the one part and Sri (Name and Address of the tenderer) hereinafter referred to as “the Bounden”) of the other part.

WHEREAS in response to the Notification No. dated the bounden has submitted to ANERT a e-tender for the ***Supply, Testing, Installation and Commissioning of HT CT-PT units as part of commissioning works of Solar Power Plants in public buildings under Solar City Thiruvananthapuram*** specified therein subject to the terms and conditions contained in the said e-tender.

AND WHEREAS the bounden has furnished to ANERT a sum of Rs. as Earnest Money Deposit for execution of an agreement undertaking the due fulfilment of the contract in case his e-tender is accepted by ANERT. NOW THESE PRESENTS WITNESS and it is hereby mutually agreed as follows: -

In case the e-tender submitted by the bounden is accepted by ANERT and the contract for is awarded to the bounden, the bounden shall within Fifteen days of acceptance of this e-tender, execute an agreement with ANERT incorporating all the terms and conditions under which ANERT accepts this e-tender.

In case the bounden fails to execute the agreement as aforesaid incorporating the terms and conditions governing the contract, ANERT shall have power and authority to recover from the bounden any loss or damage caused to ANERT by such breach as may be

determined by ANERT by appropriating the moneys inclusive of Earnest Money deposited by the bounden and if the Earnest Money is found to be inadequate the deficit amount may be recovered from the bounden and his properties movable and immovable in the manner hereinafter contained.

All sums found due to ANERT under or by virtue of this agreement shall be recoverable from the bounden and his properties movable and immovable under the provisions of the Revenue Recovery Act for the time being in force as though such sums are arrears of land revenue and in such other manner as ANERT may deem fit.

In witness whereof Sri (Name and Designation) for and on behalf of the ANERT and Sri the bounden have hereunto set their hands the day and year shown against their respective signature.

Signed by Sri Signed by Sri

(Date)

(Date)

in the presence of witnesses

in the presence of witnesses

1.

1.

2.

2.

ANNEXURE C – DECLARATION BY THE BIDDER

e-Tender Notification No:, dtd for
Request for Proposal for the Engagement of Individuals/Agencies for Audio, Video and
Graphic Production Services

To

The CEO
ANERT

We, the undersigned, declare that:

1. We have examined and have no reservations to the Bidding Document, including Addenda No.: (if any)
2. We offer to supply in conformity with the Bidding Document and in accordance with the delivery schedule
3. Our Bid shall be valid for a period of 3 months from the date fixed as deadline for the submission of tenders in accordance with the Bidding Document, and it shall remain binding upon us and may be accepted at any time before the expiration of that period;
4. If our Bid is accepted, we commit to submit a Security Deposit in the amount of 3 percentage of the Contract Price for the due performance of the Contract;
5. We are not participating, as Bidders, in more than one Bid in this bidding process;
6. Our firm, its affiliates or subsidiaries, including any sub agencies or suppliers for any part of the Contract, has not been declared ineligible by the ANERT or Government of Kerala;
7. We understand that this Bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal Contract is prepared and executed.
- 8.

Signature

Date

Name

ANNEXURE D – DECLARATION OF RELATIONSHIP WITH ANERT EMPLOYEE

(to be signed and submitted by the bidder along with the bid)

Tender Notification No.:

To
The CEO
ANERT

Name of the ANERT employee with Designation:

Name of the bidder related to the employee:

This is to put on record that Shri/Smt
currently working as in ANERT is related
to, who is the bidder in the bid. We are aware of
the Anti-corruption policy of ANERT and will observe the highest standards during the
procurement and the execution of contract and shall refrain from corrupt, fraudulent,
collusive, or coercive practices on competing for the contract.

Signature

Name

Date