

TENDER ENQUIRY

RFP FOR SHUT DOWN WORK OF 11KV SUBSTATION AND REPLACEMENT OF CT

AT

INSTITUTE OF ADVANCED VIROLOGY

BIO 360 LIFE SCIENCES PARK

THONNAKKAL

THIRUVANANTHAPURAM-695317

Tender No. IAV/LTE/AD/1135/2023

Date of issue: 14/09/2023

Date of closing: 25/09/2023; 12:00PM

TENDER NOTICE

Institute of Advanced Virology, an autonomous institution under Science and Technology, Govt. of Kerala, Thiruvananthapuram invites sealed tenders on lump sum basis for “**SHUT DOWN WORK OF 11KV SUBSTATION AND REPLACEMENT OF CT**” from registered contractors having Class A Electrical Licence.

1. **Last date/time for submission of bids:25/09/2023; 12:00PM.** The bids are to be submitted in the tender box maintained at office of the Administrative Officer, Institute of Advanced Virology, Bio 360 Life Sciences Park, Thonnakkal, Thiruvananthapuram-695317.
2. In case of any holiday or unforeseen closure of the institute on the scheduled day of opening of the bid, the bids will be opened on the next working day at the same time, but the deadline of submission of bids remains the same as indicated above.
3. Bids received after the above-mentioned date and time shall not be considered. Conditional bids will be rejected outright.
4. The responsibility of submission of the bids on or before the last date shall rest with the tenderer. The institute will hold no responsibility for the non-receipt of the bids or for the bids received after the date/time specified. Any bid received after the bid submission deadline prescribed by the Institute, shall not be considered.
5. The institute will respond to any request for clarification of the Tender Document that are received up to **Two (02) days** prior to the deadline for submission of bids prescribed. For this purpose, the prospective Bidder(s) requiring clarification shall notify/contact the Institute in writing at the registered address.

Director

BoQ : SHUT DOWN WORK OF 11KV SUBSTATION AND REPLACEMENT OF CT

The services required are detailed as under:

Sl No	Description of the item	Quantity
1	<p>Shutdown work of existing 11 KV substation at Phase IA of Institute of Advanced Virology, Thiruvananthapuram. (Scope of work as detailed below)</p> <ol style="list-style-type: none">1. Air blowing, cleaning and servicing of PCC, SSB and capacitor panels and replacing damaged indication lamps, voltmeters, ammeters, capacitors and reactors in the APFC panel and contactors. The list of panels are as follows:<ol style="list-style-type: none">a. SSB-1b. SSB-2c. SSB-3d. SSB-4e. UTILITY PANELf. APFC-1g. APFC-22. Cleaning, air blowing, dust removing of panels3. Checking the IR value of panel bus bars.4. Checking the control wiring of panels (control wiring diagram shall be provided by to the contractor)5. Checking the serviceability condition of all breakers.6. Checking the serviceability of all meters.7. Replacement of damaged indication lamps, voltmeter, ammeter and contactor8. Preparation and submission of documents for electrical inspectorate authorities towards annual inspection of the substation.9. Performing the corrective actions, if any as pointed out by the electrical inspectorate during the course of inspection.	1
2	<p>Replacement of CT for the 11KV substation at Phase IB. The scope of work shall include :</p> <ol style="list-style-type: none">1. Replacement of CT with CT Ratio -- /5A, 10VA, CI: 0.2 S 3Nos2. Testing of TOD Meter CT&PT at KSEB TMR Division, obtaining test certificate for energizing the supply with CEI approval and sanction order.	1

Instructions to Bidders including Terms and Conditions

1.Scope of Bid

SHUT DOWN WORK OF 11kV SUBSTATION AND REPLACEMENT OF CT at Institute of Advanced Virology as per the given scope of work.

2.Cost of Bidding

2.1 The Bidder shall bear all costs associated with the preparation and submission of its bid and the IAV shall in no case be responsible or liable for those costs regardless of the conduct or outcome of the bidding.

3.Amendment in the Tender Document

3.1.At any time prior to the deadline for submission of bids, the IAV may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder, modify the Tender Document by way of amendment(s).

3.2.Amendments will be uploaded in the Institute website www.iav.kerala.gov.in and shall be binding on the bidders. Further, it will be assumed that the Bidder has taken into account such amendments while submitting the bid.

4.Language of Bid

4.1.The bid prepared by the Bidder and all correspondence and documents related to the tender exchanged by the Bidder and the IAV shall be in English and the contract shall be construed and interpreted in accordance with that language.

4.2.If any of the brochures, leaflets or communication is prepared in any language other than English, a translation of such document, correspondence or communication to English shall also be provided at the cost and risk of the bidder. The translation so provided shall prevail in matters of interpretation. The bidder, with respect to such documents, correspondence, and communications, shall bear the costs and risks of such translation.

5.Eligibility Criteria

The contractor/agency shall have

1. The bidder must be registered in appropriate class of works with Government organization like CPWD/ PWD/MES and shall have a valid Class A electrical licence.
2. The bidder must have done at least 1 (ONE) similar work of value of 80% of the estimated cost for similar works
OR
2 (TWO) similar works for projects each of value 60% of the estimated cost for similar works
OR
3 (THREE) similar work for projects each of value 40% of the estimated cost for similar works
with Government/ Semi-government/ PSU/ Government Funded Autonomous Organization during last 3 (Three) years preceding last date of the month of tender submission. (Similar works shall mean: Electrical Maintenance work of Substation)
3. The bidder must be registered with appropriate government authority as a bonafide business entity and must have GST and other valid registrations.

4. Electrical work shall be executed by the selected bidder holding electrical license ,electrical supervisor license and H.T & L.T Electrical Licenses etc. valid on date of execution.
5. Average annual turnover of the bidder for the last three years shall be submitted along with the bid and the bidder should be incurred loss in not more than one year in the past three years.
6. The validity of the registrations and licenses should be valid as on the date of tender submission.

6.Documents Comprising the Bid:

1. All bids must be substantially responsive and shall comprise the documents as mentioned above along with BoQ in the prescribed format as per **Annexure I**.
2. Bidders shall also submit a tender fee of **₹ 1000/- + GST** in the form of Account Payee Demand Draft. DD should be made in favour of Director, Institute of Advanced Virology payable at Thiruvananthapuram.
3. Bidders shall also submit **EMD of Rs.2,000/-** in the form of Account Payee Demand Draft. DD should be made in favour of Director, Institute of Advanced Virology payable at Thiruvananthapuram.

OTHER TERMS AND CONDITION

1. **Period of Validity of Bids:** Bids shall remain valid for a period of 90 days after the date of deadline for submission of bids prescribed by the IAV.

2. Deadline for submission of Bids

The deadline for submission of bids is **25/09/2023 at 12:00PM**.The IAV may, at its discretion, extend this deadline for submission of bids in which case all rights of the IAV and all obligations of the Bidders will thereafter be subject to the deadline as extended.

3. Opening and Examination of Bids

a.The technical bids will be **opened on 25/09/2023 at 15:00PM**. Bidders or their representative may be present during the opening of technical bids, if they wish to be present.

b. The IAV will evaluate the technical bids as per the terms of the tender. Those bids, whose technical bids fulfil the technical requirements and responsive to the tender requirements will be considered. Those bids which found to be either non-responsive, not satisfying the technical requirements or both will not be considered and will be rejected.

d.The IAV will examine the bids to determine whether they are complete, whether any computational errors have been made, whether required security has been furnished, whether the documents have been properly signed and whether the bids are generally in order.

e.Prior to the detailed evaluation, the IAV will determine whether each bid is complete and is substantially responsive to the Tender Document. For purposes of this determination, a substantially responsive bid is one that conforms to all the terms, conditions and specifications of the Tender Document without material deviations, exceptions, objections, conditionality or reservations.

f. If a bid is not substantially responsive, it shall be rejected by the IAV and may not subsequently be made responsive by the bidder by correction of the nonconformity. The

IAV's determination of bid responsiveness will be based on the contents of the bid itself and any written clarifications submitted by the bidder.

4. Clarification of Bids:

During the bid evaluation, the IAV may, at its discretion, ask the Bidder for clarifications of their bid in writing/e-mail and the bidder is also required to provide the clarification in writing. No change in the price or substance of the bid shall be sought, offered or permitted.

5. Evaluation of Responsive Bids:

The IAV will evaluate the bids that have been determined to be substantially responsive and are confirming with the technical specifications.

6. Contacting the Institute

a. From the time of bid opening to the time of Contract award, if any Bidder wishes to contact the IAV on any matter related to the bid, it shall do so in writing.

b. If a Bidder tries to directly influence the IAV or otherwise interfere in the bid evaluation process and the Contract award decision, his bid shall be rejected.

7. Award Criteria

IAV will award the contract to the Bidder whose bid has been determined to be substantially responsive, technically qualified and the Lowest Quoted Evaluated Bid.

8. Right to Accept/Reject/Modify Bids

a. The IAV reserves the right to accept or reject any bid or to annul the bidding process and reject all bids at any time prior to contract award, without thereby incurring any liability to the Bidders.

b. The IAV reserves the right to negotiate with the Bidder having the Lowest Evaluated Bid.

9. Issue of Purchase Order

Prior to the expiration of the period of bid validity, the IAV will issue the Letter of Indent to the successful bidder in writing. Upon acceptance of the letter of indent and submission of agreement, the work order shall be issued to the bidder.

10. Terms of Payment

Payment will be made only after completion of works as per the scope of work of the tender in all aspects to the satisfaction of the officials of the Institute.

16. Governing Law:

The Contract shall be governed by and interpreted in accordance with the laws of India.

17. Settlement of Disputes:

Any dispute or claim arising out of/relating to this tender or the breach, termination or the invalidity thereof, shall be settled by the Hon'ble Courts of Justice at Thiruvananthapuram.

18. All the pages of the bids, including all supporting documents enclosed with the tender document, should be marked in all pages serially and the declaration for the same shall be submitted by the bidder as **Annexure II**.

19. The bidders shall enclose the check list as per **Annexure III** along with the bid.

20.Institute of Advanced Virology reserves the right to accept or reject any or all the tenders in part or whole or may cancel the tender at its sole discretion without assigning any reason whatsoever. No further correspondence in this regard will be entertained.

21. Successful Bidder shall submit a performance guarantee equivalent to **5% of the total order value for a period of 14 months** in the form of Account Payee Demand Draft. DD should be made in favour of **Director, Institute of Advanced Virology** payable at **Thiruvananthapuram**. Successful bidder has to ensure delivery of hard copy of the original DD to the Buyer within 15 days of award of contract.

ANNEXURE I
FINANCIAL BID

SI No	Description of the item	Quantity	Cost of work inclusive of all taxes (₹)
1	<p>Shutdown work of existing substation at Phase IA of Institute of Advanced Virology, Thiruvananthapuram. (Scope of work as detailed below)</p> <ol style="list-style-type: none"> 1. Air blowing, cleaning and servicing of PCC, SSB and capacitor panels and replacing damaged indication lamps, voltmeters, ammeters, capacitors and reactors in the APFC panel and contactors. The list of panels are as follows: <ol style="list-style-type: none"> a. SSB-1 b. SSB-2 c. SSB-3 d. SSB-4 e. UTILITY PANEL f. APFC-1 g. APFC-2 2. Cleaning, air blowing, dust removing of panels 3. Checking the IR value of panel bus bars. 4. Checking the control wiring of panels (control wiring diagram shall be provided by to the contractor) 5. Checking the serviceability condition of all breakers. 6. Checking the serviceability of all meters. 7. Replacement of damaged indication lamps, voltmeter, ammeter and contactor 8. Issue of test certificates and liasoning with the electrical inspectorate authorities towards inspection of the substation. 9. Performing the corrective actions, if any as point out by the electrical inspectorate during the course of inspection. 	1	
2	<p>Replacement of CT for the substation at Phase IB. The scope of work shall include: Replacement of CT with CT Ratio -- /5A, 10VA, CI: 0.2 S 3Nos Testing of TOD Meter CT&PT at KSEB TMR Division, obtaining test certificate for energizing the Supply with CEI approval and sanction order.</p>	1	

The rate quoted is inclusive of the cost of items, spares, taxes, cess, transportation, loading/unloading charges, installation at site, testing and other incidental expenses. The statutory remittances, if any, will be reimbursed on production of receipt.

Place:

(Authorised signatory)

Date:

Annexure II

UNDERTAKING BY THE TENDERER

I/We have carefully gone through the various terms and conditions mentioned in the tender document titled **SHUT DOWN WORK OF 11KV SUBSTATION AND REPLACEMENT OF CT**

I am making this offer is after carefully reading the conditions and understanding the same. I have understood the quantity of items/technical specifications and other charges required to supply and install the items, before making this offer.

This tender document has _____ pages including the attachments and all the documents including blank pages are serially numbered.

I hereby sign this undertaking as token of our acceptance of various conditions mentioned in tender document.

Further certified that I/we (the firm) has never been debarred/blacklisted by any government organisation.

Place: _____

Dated: _____ (Authorized Name & Signatory of Agency/firm with stamp)

ANNEXURE III

CHECK LIST

Serial No	Description	Submitted (Yes/No)
1	Whether submitted the DD of Rs.1000 + GST towards tender fee	Yes/No
2	Whether submitted the DD of Rs.2000/- towards EMD.	
3	Whether submitted copy of supporting document submitted: i) Valid Class A electrical licence ii) GST certificate iii) Registration with CPWD/ PWD/ MES/ other govt. agency	Yes/No
4	Proof of work experience (as per clause _____ of tender document)	Yes/No
5	Proof regarding average annual turnover of the bidder for the last three years	Yes/No
6	Whether submitted Financial Bid submitted as per Annexure I.	Yes/No
7	Whether submitted all the pages of the tender document duly signed along with Annexure II.	Yes/No
8	Check list attached as per Annexure III.	Yes/No

Place: _____

Dated: _____ (Authorized Name & Signatory of Agency/firm with stamp)