



ICAR - SUGARCANE BREEDING INSTITUTE
COIMBATORE - 641 007
TAMILNADU



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**NOTICE INVITING TENDER THROUGH GOVERNMENT e-MARKETING (GeM)
TOWARDS THE ANNUAL REPAIR & MAINTENANCE CONTRACT WORK
(ELECTRICAL) INCLUDING MATERIALS FOR THE PERIOD OF ONE YEAR AT ICAR-
SUGARCANE BREEDING INSTITUTE, COIMBATORE - 641007, TAMILNADU**

Online Bids, on behalf of the Director, ICAR - Sugarcane Breeding Institute, Coimbatore - 641007 are invited from interested registered/well-established/reputed Service Providers through GeM for awarding for the Annual Repair & Maintenance Contract Work (Electrical) including materials for the period of one year at ICAR-Sugarcane Breeding Institute, Coimbatore - 641007. The detail of tender is enumerated in the following annexure. Please read the annexure attached herewith before bidding.

Annexure-1 : Terms and Conditions of the contract.
Annexure-2 : Schedule of Work.

IMPORTANT NOTES: -

- I. Bids received on GeM portal only will be considered. Bids in any other form sent through sealed cover/email/post/fax etc. will be rejected.
- II. Earnest Money Deposit: The interested firms are required to deposit (in original) an Earnest Money Deposit (EMD) of **Rs. 50,000/- (Rupees fifty thousand only)** in the form of Demand Draft along with the Tender Documents from any of the Nationalized Bank in favour of the Director, ICAR - SBI payable at Coimbatore may be sent to The Director, ICAR-Sugarcane Breeding Institute, Coimbatore - 641007, Tamilnadu on or before bids submission closing date. EMD will be refunded after award of contract without any interest thereon and the forfeiture of the same will be as per the rules. **Quotations received without EMD will not be considered.**
- III. ICAR - SBI reserves the right to accept / reject any or all the tenders in part / full without assigning any reason thereof.
- IV. The Director, ICAR- Sugarcane Breeding Institute, Coimbatore reserves the right to reduce or terminate the period of contract or to extend its duration in the interest of the ICAR- SBI, Coimbatore for any justifiable reasons and it is not mandatory to be communicated to the tenderer.
- V. Any change / corrigendum/ extension of opening date in respect of this tender shall be issued through websites only and no press notification will be issued in this regard. Bidders are therefore requested to regularly visit our website for updates.

VI. In case, any holiday is declared by the Government on the day of opening, the tenders will be opened on the next working day at the same time. The Institute reserves the right to accept or reject any or all the tenders.

VII. The Firms are required to furnish / upload copies of the following documents:

- (a) **Valid Electrical Contractor license of Class EA issued by Govt. of Tamil Nadu/ State Electrical licensing Board, Tamil Nadu**
- (b) **Registration Certificate under the Shops & Establishment act of the Government of Tamilnadu (or) Registration Certificate of the Firm / Company under Govt. of Tamilnadu (or) Registered Branch Office located in Tamilnadu.**
- (c) **Minimum turnover of the firm not less than Rs. 10.00 lakh (Rupees ten lakhs only) during the last three financial years** duly certified by Chartered accountant may be provided in support. Certified balance sheet & Profit and Loss Account of the firm **for the last three financial years** certified by chartered accountant may be provided in support.
- (d) Experience of the firm in the field of **providing such services** in Central Govt. establishments/ autonomous bodies of Govt. of India/corporations of Govt. of India/ reputed public or private organizations **for the last three years**, with details in enclosed tabular form.
- (e) **Duly certified copies** of the satisfactory services where the tenderer is providing the services **for the last three years.**
- (f) The company/firm/agency should be registered with appropriate authorities under EPF & ESIC Act (a copy may be uploaded).
- (g) The firm/agency/company should be registered with Income Tax and GST if any applicable (PAN and GST registration no. may be furnished and a copy should be uploaded).

We agree to supply the above goods and allied services. We confirm that the same will meet the description, specification and other technical details as required in the tender enquiry.

We conform that we agree to all other terms and conditions of your tender enquiry including the terms of delivery, period of delivery and warranty provision.

We have furnished all the information, as required in the tender enquiry and attached the relevant documents.

(In case a tenderer desires to put some additional/modified stipulations, terms and conditions etc. the same may be clearly indicated).


ADMINISTRATIVE OFFICER

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ANNEXURE-I

i. GENERAL TERMS & CONDITIONS:

1. Decision of the Director, ICAR- Sugarcane Breeding Institute, Coimbatore shall be final for any aspect of the contract and binding to all parties. Disputes arising, if any, on the contract will be settled at his level by mutual consultation and in case of failure or settlement dispute shall be referred to the sole arbitrator to be appointed by the Director, ICAR- Sugarcane Breeding Institute, Coimbatore. The decision of the sole arbitrator so appointed shall be final and binding on the parties. Arbitration proceeding shall be governed by the Arbitration & Conciliation Act, 1996 as amended from time to time.
2. Acceptance by the ICAR- Sugarcane Breeding Institute, Coimbatore will be communicated by fax/email, express letter or any other form of communication or uploaded on the portal. Formal letter of acceptance and work order of the tenderer will be forwarded as soon as possible, but the earlier instructions in the fax/email, express letter etc. should be acted upon immediately.
3. The ICAR- Sugarcane Breeding Institute, Coimbatore does not pledge itself to accept the lowest or any other tenders and also reserve to itself the right of accepting the tenders whole or in part keeping in view valid reasons. Conditional tenders will not be accepted.
4. The ICAR- Sugarcane Breeding Institute, Coimbatore reserves the right to modify any of the terms and conditions of the contract as mentioned in further annexures of this document, at its discretion, in the interest of the job/work.
5. The GST, Income tax or any other tax which is as per the rules of the Govt. of India be deducted at source from monthly bills of the successful tenderer, as per rules/ instructions made applicable from time to time by government.
6. Two percent (2.0%) of the total billed amount will be deducted towards TDS on GST and the same will be remitted to the GST Department concerned.
7. Notwithstanding the above, the purchaser reserves the right to accept or reject any quotation or annul the tendering process and reject all quotations at any time prior to award of the contract, without assigning any reason, whatsoever, and without incurring any liability or obligation, whatsoever, to the affected tenderer or tenderers.
8. The right to accept the rates and bidding the work based on the quality and reputation of the firms rests with the DIRECTOR, ICAR – Sugarcane Breeding Institute, Coimbatore and it cannot be challenged. The DIRECTOR, ICAR – Sugarcane Breeding Institute, Coimbatore reserves the right to accept or reject any one or all the quotations without any reason.
9. At the time of awarding the contract, the purchaser reserves the right to increase or decrease by up to 25%, the quantity of goods and services as specified in the list of requirements, without any change in the unit price or other terms and conditions.

10. Please furnish a certified copy your latest ITCC (INCOME TAX CLEARANCE CERTIFICATE).
11. Please indicate if you are currently registered with any Govt. organization and if registered, furnish all relevant details.
12. Please state whether business dealings with you presently stand banned by any Government organization and, if so, furnishes relevant details.
13. The supplier shall at all times indemnify the purchaser, at no cost to the purchaser, against all third-party claims of infringement of patent, trade mark or industrial design rights arising from the use of the goods or any part thereof, with respect to the goods quoted by the supplier in its offer.
14. The contract shall be governed by the laws of India and interpreted in accordance with such laws.
15. **The quotation/offer shall remain valid for acceptance for a period not less than 180 days after the specified date of opening of the offers.**
16. No advance and any part payment will be made for this work.
17. The Performance guarantee deposit 3% value of contract (Interest free) has to be deposited on receipt of this office letter before commencement of work in the form of DD/Bank guarantee in favour of the Director, ICAR-Sugarcane Breeding Institute, Coimbatore payable at Coimbatore, Otherwise the EMD will be forfeited.
18. The Performance guarantee (Total 3%) will be refunded to the contractor only after completion of performance maintenance period - one year from the date of completion of work. No interest will be paid to these deposits. **Performance Security deposit has to be claimed within three years after completion of warranty period, otherwise it would be forfeited.**
19. During executing of work any loss/Hazard due to any reason for the men and materials will be borne by the contractor. The Institute will not be responsible for any loss or damage / Hazard.
20. While executing the work, the executing agency is fully responsible for any damage to Institute materials and the same may be replaced (including materials & labour charges for the replacement) by the Contractor at his own cost.
21. **Period of work: 365 days**, the work should be initiated from the date of issue of work order to the satisfaction of the authority concerned. (Liquidated Damages will be imposed to the defaulters)
22. The rates are to be quoted in the BoQ which is available with the GeM, and tampering it in any way would lead to the rejection of the bid summarily.

23. For inspection of the site, Shri. P. Sivaraj, Technical Officer (Electrical), Estate Section, ICAR- SBI, Coimbatore-641007 (0422-2472621, Extension No:218)
24. The service charges/rates quoted by the Agency shall be fixed for the period of the contract and no request for any change/modification shall be entertained before expiry of the period of the contract unless the same is warranted for enforcing statutory instructions like revised minimum wages issued by the appropriate Government under Minimum Wages Act, 1948.
25. The personnel deployed by the Agency should not have any police records/criminal cases against them. The Agency should make adequate enquiries about the character and antecedents of the persons whom they are deploying.
26. No right, much less a legal right shall vest in the contract workers to claim/have employment or otherwise seek absorption in the ICAR-SBI nor the contract workers shall have any right whatsoever to claim the benefits and/or emoluments that may be permissible to paid the employees of the ICAR-SBI. The worker will remain the employees of the Agency/contractors and will be the solely responsibility of the Agency. Therefore, there is no Master and servant relationship between the employees of the service provider and the ICAR-SBI and further that the said personnel of the service provider shall not claim for any employment or absorption in the ICAR-SBI by virtue of their engagement for this work.
27. The service provider's personnel's shall not claim any benefit/ compensation/ regularization/ absorption of services from the ICAR-SBI under the provision of Industrial Disputes Act, 1947 or Contract Labour (Regulation & Abolition) Act, 1970 etc. Undertaking from the persons to this effect shall be required to be submitted by the service provider to ICAR-SBI.
28. The Service provider's personnel shall not divulge or disclose to any person any details of office, operation process, technical know-how, security arrangements administrative and organizational matters as all of these are confidential in nature. The contractor shall ensure that none of the employees of the Agency/Contractor shall enter into any kind of private work at the Different Rooms of the ICAR-SBI.
29. The Firm shall be responsible for making timely payment of due wages to the workers employed depositing of EPF with EPF through ECR and ESI contribution. A copy of ESI Challan and ECR indicating name of the workers with their EPF contribution will be submitted by the firm to the ICAR-SBI as proof. If any complaint is received with regard to these matters, the action will be taken against the firm and concerned authorities will be asked to take legal action against the Firm. ICAR-SBI will not at all be liable.

30. The Contractor shall keep himself fully informed of all acts and laws of the Central and State Government, all orders, decrees of statutory bodies, tribunal having jurisdiction or authority, which in any manner may affect their engaged or employed staff and anything related to carry out the work. All the rules & regulations and bye laws laid down by the local bodies and any other statutory bodies shall be adhered to, by the contractor, during the execution of work.
31. Minimum wages shall be paid to the workers by the agency/Contractor at the rate fixed by the Central Labour Commissioner from time to time and as per the minimum wages Act. The contractor shall also pay all such benefits to its employees as envisaged under various acts and laws like ESIC Act, EPF & MP Act. Payment of Bonus Act, Taxes etc. The Contractor shall also ensure compliance of all laws and/or to be made applicable and ICAR shall not be liable for the same and the contractor will indemnify ICAR-SBI in all respects. The Contractor would sign an undertaking as per Proforma every month for compliance of the provisions of Contract labour Act, Rule and other Law applicable along with the monthly bill.
32. The Agency/Contractor shall abide by all laws of the Land including Labour Laws, Company act, tax deduction liabilities, Welfare measures of its employees and all other obligations that enjoy in such cases and other not essentially enumerated and defined therein. Though any such onus shall be exclusive responsibility of the Contractor, and it shall not involve the ICAR-SBI in any way whatsoever.
- ii. **Erection/installation and commissioning (if required, depending on the goods ordered) are to be completed within 20 days of delivery of the goods at site.**
- iii. **Payment Terms: Payment will be made after delivery of the item and satisfactory installation of the item.**
- iv. **Terms of inspection by the Purchaser's representative.**
- v. **Price structure:**
- a) **The tenderer shall quote for the complete requirement of goods and services and for the full quantity as shown against in Annexure -II.**
- b) **The rates and prices quoted shall be in Indian Rupees only.**
- c) **Two percent (2.0%) of the total billed amount will be deducted towards TDS on GST and the same will be remitted to the GST Department concerned.**
- d) **The GST, Income tax or any other tax which is as per the rules of the Govt. of India be deducted at source from monthly bills of the successful tenderer, as per rules/ instructions made applicable from time to time by government.**
- e) **All duties, taxes and levies payable by the supplier under the contract shall be included in the quoted price. The purchaser will not pay any such duties, taxes and levies separately.**

- f) The rates and prices quoted by the supplier shall remain firm and fixed during the currency of the contract and shall not be subject to variation on any account, whatsoever, including statutory variations, if any.

vi. **Receipt of goods and terms of payment:**

- a) Payment terms: The payment to the agency will be made on monthly basis at the end of month against invoice with PAN & GST number, raised by the agency. GST and other taxes shall be deducted at source as per the rates notified by the respective authorities.

- b) **Payment term for supply of goods, including erection/ installation and commissioning (as and if applicable): -**

Immediately on receiving the goods at site, the purchaser will verify the quantities of the items supplied as specified in the delivery challan of the supplier and also check for any superficial damage etc. in the goods so supplied and issue a provisional receipt accordingly. If the goods supplied do not require erection/installation and commissioning at site, the purchaser, within three working days of issue of the provisional receipt, will issue acceptance certificate (of the goods) to the supplier, provided the goods supplied are acceptable in terms of the contract. However, if the goods supplied also need erection/installation and commissioning, the purchaser will issue acceptance certificate within two working days, after successful erection/installation and commissioning. The supplier will then send its invoice along with the purchaser's acceptance certificate and other accompanying documents to the paying authority for payment.

The paying authority will release the full payment to the supplier as due in terms of the contract, within fifteen working days of receipt of supplier's invoice, purchaser's receipt certificate and other accompanying documents, provided the same are in order.

After release of payment to the supplier as per sub-para (b) above and after successful completion of training of the operator(s) in terms of the contract, the purchaser will immediately issue a certificate to this effect to the supplier. The supplier will thereafter send its invoice for training charges, along with the above certificate to the paying authority. The paying authority will release the payment to the supplier in terms of the contract within fifteen days of receipt of supplier's invoice provided the invoice and the accompanying documents are in order.

**PAYING AUTHORITY: THE DIRECTOR, SUGARCANE BREEDING INSTITUTE,
COIMBATORE - 641 007.**

c) **Liquidated Damage Clause:**

If any time during the performance of the contract, the supplier encounters conditions hindering timely delivery of the goods, the supplier shall promptly inform the purchaser in writing the fact of the delay and the likely duration of the same. After receipt of supplier's communication, the purchaser shall decide as to whether to cancel the contract for the un-supplied portion

after the existing delivery period, or to extend the delivery period suitably issuing an amendment to the contract. If the supplier fails to deliver the goods and/or perform the services within the contractual delivery period for reasons other than circumstances beyond supplier's control (which will be determined by the purchaser) and the purchaser extends the delivery period, the purchaser will also deduct from the contract price, as liquidated damages, a sum equivalent to 0.5% (half per cent) of the delivered price of the delayed goods or unperformed services for each week of delay or part thereof until actual delivery or performance. The maximum limit of such deduction will, however, be 10% (ten per cent) of the contract price of the delayed goods or services.

Further, during such delayed period of supply and/or performance, the supplier shall not be entitled to any increase in price and cost, whatsoever, on any ground. However, the purchaser shall be entitled to the benefit of any decrease in price and cost on any ground, whatsoever, of the goods and services, supplied during the period of delay.

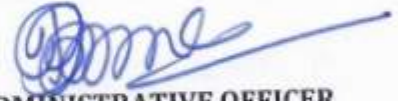
ix. Warranty Clause: One Year Warranty

x. Dispute Resolution Mechanism

If any dispute or difference arises between the purchaser and the supplier relating to any matter connected with the contract, the parties shall make every effort to resolve the same amicably by mutual discussions. However, if the parties fail to resolve the dispute or difference by such mutual discussion within 30 days, either the purchaser or the supplier may give notice to the other party of its intention to refer the same to arbitration. The arbitration shall commence thereafter. The arbitration shall be conducted by a sole arbitrator, who will be appointed by the Secretary, ICAR and the procedure to be followed in this respect will be as per the Indian Arbitration and Conciliation Act, 1996. The venue of the arbitration shall be the place from where the contract is issued.

1. You are also required to fulfill the following conditions and furnish the details as indicated in subsequent paragraphs.
2. At the time of awarding the contract, the purchaser reserves the right to increase or decrease by up to 25%, the quantity of goods and services as specified in the list of requirements, without any change in the unit price or other terms and conditions.
3. Please furnish a certified copy your latest ITCC (INCOME TAX CLEARANCE CERTIFICATE).
4. Please indicate if you are currently registered with any Govt. organization and if registered, furnish all relevant details.
5. Please state whether business dealings with you presently stand banned by any Government organization and, if so, furnishes relevant details.
6. The supplier shall at all times indemnify the purchaser, at no cost to the purchaser, against all third-party claims of infringement of patent, trade mark or industrial design rights arising from the use of the goods or any part thereof, with respect to the goods quoted by the supplier in its offer.
7. The contract shall be governed by the laws of India and interpreted in accordance with such laws.

8. **The quotation/offer shall remain valid for acceptance for a period not less than 180 days after the specified date of opening of the offers.**
9. Notwithstanding the above, the purchaser reserves the right to accept or reject any quotation or annul the tendering process and reject all quotations at any time prior to award of the contract, without assigning any reason, whatsoever, and without incurring any liability or obligation, whatsoever, to the affected tenderer or tenderers.



ADMINISTRATIVE OFFICER

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TECHNICAL & OTHER SERVICES REQUIREMENTS:

- 1) Intending bidders are advised in their own interest to visit the site of work and familiarize themselves with the site conditions before submitting their quotations/ bids for subject tender.
- 2) The service provider shall provide direct service and shall not sublet the work.
- 3) The contractor or his workers shall not misuse the premises allotted to them for any purpose other than for which the contract is awarded.
- 4) The personnel so provided by the agency under this contract will not be the employees of the ICAR- Sugarcane Breeding Institute, Coimbatore and there will be no employer-employee relationship between the ICAR- Sugarcane Breeding Institute, Coimbatore and the persons so engaged by the contractor in the aforesaid services. They shall be employees of the contractor for all purposes.
- 5) The personnel provided shall be under the direct control and supervision of the contractor/agency. However, they shall comply with the oral and written instructions given on day to day basis, by the officer(s) authorized by the ICAR- Sugarcane Breeding Institute, Coimbatore from time to time. They will be bound by office timings, duty, placement, locations etc., as decided by the ICAR- Sugarcane Breeding Institute, Coimbatore.
- 6) In case of breach of any terms and conditions attached to this contract, the security deposit of the contracting agency will be liable to be forfeited by the ICAR- Sugarcane Breeding Institute, Coimbatore besides annulment of the contract.
- 7) The staff so deployed in the office, will not damage/manipulate any of the official property failing which appropriate penalty/action as decided by the competent authority will be imposed upon contractor.
- 8) The contract shall be for a period of one year from which the contract is signed.
- 9) The contract can be terminated at any time by giving one-month notice to the party in writing at the discretion of this office.
- 10) Original Equipment Certificate: Undertaking that the product to be replaced during contract period shall be original of Company & Model make and its new equipment and not reused / refurbished products.
- 11) Rates for all items must cover the cost all materials, labours, machinery, scaffolding, tools, tackles and all appliances, what so ever necessary for the complete execution of subject work.
- 12) Payment terms: The payment to the agency will be made on monthly basis at the end of month against invoice with PAN & GST number, raised by the agency GST and other taxes shall be deducted at source as per the rates notified by the respective authorities.

13) Penalty clause:

Response time	Period	Penalty
	Above 24 Hrs & Below 48 Hrs	Warning but no penalty
	Above 48 Hrs & Below 96 Hrs	A penalty of 1% of the contract amount per system
	Above 96 Hrs	A penalty of 2% of the contract amount per system

- 14) The required tools, ladders and plants for carrying out the work shall have to be arranged by the Contractor at his cost and no tools will be arranged by the office.
- 15) Bidders are required to procure adequate numbers of safety harness, helmets etc. before commencement of work at his own cost as per industrial safety norms.
- 16) The contractor has to arrange necessary insurance coverages to the workmen deployed by him and shall arrange necessary safety measures before starting the work.
- 17) Sufficient stock of spare parts for all kinds of machines shall be kept in his stores. The contractor shall ensure that no machine is ideal due to non-availability of spare parts.
- 18) If the service engineer fails to attend this office without suitable replacement then a penalty of Rs.500/- per day shall be imposed and the same will be deducted from the monthly payment of the contractor. The service engineer should report in this office by 8:30 AM daily and be in the office till 5:30 PM.
- 19) The firm should have registered office in **Coimbatore within 30km** from institute and necessary documentary evidences may be uploaded in GeM Portal, failing which the tender will not be considered.
- 20) In case any engineer or the attendant wants to avail leave of short duration, he must inform in advance to this office and the contractor. Engineer or attendant can only be relieved for that period after getting suitable replacement from the contractor.
- 21) No person below the age of 18 years shall be deputed to this office.
- 22) Contractor shall visit this office at least once in a month to discuss the problems and their immediate rectification.
- 23) Following registers are to be maintained by technicians at Head Office without fail:
- (i) **Service /Breakdown Register:** The services/ maintainance / repairs have to be recorded in a register and endorsement from End User Section has to be obtained in the register. Further, service reports are to be made after carrying out periodical servicing and endorsement (Sign and Seal) needs to be obtained from End User Section.

- (ii) **Complaint Register:** All complaints received are to be recorded with time and date of receipt, as and when complaints are received from end user sections.
- 24) Contractor shall be called to attend to complaints during any time and on holidays in some very special cases, without any extra charges.
 - 25) Normal code of ethics and discipline has to be followed by the contractor's labour while working at site.
 - 26) The contractual staff employed by the contractor should not have any criminal cases / misconduct with the staff which should be ensured by contractor while deputing them.
 - 27) Normal working hours followed by this office (9:00 Hrs to 17:30 Hrs) have to be adhered to by the contractor's labour except under special circumstances where prior permission of the Care taker of this office needs to be obtained.
 - 28) Price quoted shall be firm and any variation in rates, prices or terms during the validity of the offer shall not be permitted. The prices quoted and accepted will be binding on the bidder and valid for a period of one year from the date of signing the contract and any increase in price will not be entertained during the contract period.
 - 29) If any parts which are not covered in the Tender Schedule of this Contract get damaged and require replacement during the tenure of this Contract, this office will authorize the contractor to procure and supply the parts required, provided the Contractor accurately specifies the damaged spare parts, and the contractor has to rectify the fault.
 - 30) All the electrical works covered in this contract have to be maintained as per the standards of the original manufacturing company. The contractor has, to repair / service/ maintain under the AMC in as is where is condition when handed over to them under AMC. The power supply is stable and is well regulated. This office will not admit any claim from the contractor towards the fault/damage caused due to quality of power supply and it will not absolve the responsibility of the contractor in rectifying the fault.
 - 31) Details of important programs / functions of various Sections that may be held in Institute will be informed to the technicians and they should assist in maintaining smooth running of the air-conditioners on that day without failure even when they are held on Holidays. Non-attendance of the technicians on such a day will attract penalty at the discretion of Departments.
 - 32) The Contractor has to reimburse / make good Losses incurred due to mishandling/ misplacement / theft or any malpractice by technicians during the period of AMC, and also the losses suffered by the Department due to fault of the technicians of the contractor. In case of non - reimbursement / such losses by the contractor, the same will be recovered from the bills.

- 33) All security and safety regulations and guidelines as per the applicable law are to be followed.
- 34) The service provider agency shall be solely responsible for the redressal of grievances/resolution of dispute related to personnel deployed and ICAR-Sugarcane Breeding Institute, Coimbatore shall in no way be responsible for settlement of such issues whatsoever.



ADMINISTRATIVE OFFICER

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Schedule of Work

1. General Electrical repair and maintenance of Electrical installations in ICAR-SBI lab cum main office building campus, ECC office campus & Field, Additional Land and VPT field, Scientist Home, VIP Guest House (New and Old), New 250 capacity Conference Hall, residential quarters etc., at ICAR-SBI, Coimbatore.
2. Repair and Maintenance of 400A/250A Fuse Distribution boxes-for 4 different LT feeders, MCB DBs and light points(1000),fan points(900),6Amps Plug(600),16Amps Plug(1000), AC points, 16A plug points/2P MCB (250),Operation and repair of borewell motor pumpset with starter panel (15HP/12.5HP-19no), Monoblock (7.5/5/3/2/1/0.5 HP 3ph/1ph motor pump - 7no, Street lights at Main Campus(23 ft length Pole), Farm field road ECC and Addl. land Main(12 ft length pole-50nos), residential quarters.
3. Operation and maintenance of 500KVA, 11/0.433KV Oil Cooled transformer with On Load Tap Changer-1no with accessories and 11KV tubular DP structure with AB switch.
4. Operation and maintenance of MV panel-1no comprising 800Amps ACB switch-1no,800Amps Change over switch-1no,630Amps MCCB with interlocking -2no with bus coupler, LT feeder switches of rating 630/400/300/250 SDF switches-16nos with Demand controller-1no, Multifunction meter-1no, Earth fault relay-1no
5. Operation and Maintenance of 170 KVAR capacitor bank-1no with APFC panel and PLC controller.
6. Operation of 250KVA DG set-1no, 100KVA DG set-1no including 250KVA,100KVA AMF panel comprising 250Amps, 200Amps MCCB with remote ON/OFF operation panel and automatic battery charge controller.
7. Maintenance of LT panel board with three phase control switches of different rating in Main and ECC campus of the institute-15no
8. Operation and Maintenance of MS tubular Overhead lines-85 Poles (8m Pole) RCC poles-11no (8m pole)
9. Maintenance of Street light control ON/OFF switches-3ph(1no), 1ph(5no)
10. Maintenance of 100/63/25 KVA transformers - 6no for field motor operations and residential quarters.
11. Operation of Public Address system/conference system at Centenary Seminar Hall/ Indoor Auditorium/250 capacity conference hall as and when required.
12. Maintenance of UPS/Inverter -1/2/3 KVA -1ph, 5/10 KVA/30 KVA -3ph

13. Maintenance of Storage/instant water heater in Scientist home and VIP Guest house (old and new) -30 Nos.

14. Maintenance of TNEB Service connections of Residential Quarters at the western/Eastern side of the Institute main Campus.

- NB: - Rate of rewinding charges of ceiling fan, exhaust fan, pump sets including cost of materials, Rate of wiring/installation charges and Rate for UG cable laying work should be **quoted separately**.
- **The Service providers should have Registration of Electrical contractor's license class 'EA' under TANGEDCO/Tamil Nadu Electrical licensing board.**
- **The service providers should deploy Diploma/ ITI (Electrical/wiremen) certificate holders (male persons) for carrying out the maintenance work.**
- During office hours minimum six persons should be provided and two persons during night hours.
 - Diploma in Electrical Engineering with Competency certificate with more than 5 years experience for 500 KVA substation operation & maintenance - 1 No. **The competency certificate has to be endorsed in the state licensing board, Tamil Nadu in favour of the institute during the contract period.**
 - Grade I - ITI (Electrician / Wiremen) with Class 'B' work permit (with 2 yrs experience) - 2 Nos.
 - Grade I - Diploma / ITI (Electrical) without work permit (Audio operation during Office meeting, Genset Operation) - 1 No.
 - Grade II - ITI (Electrician) - 2 Nos.
- Person should be available on holidays, night and after office hours at Electrical substation. Office timing is from 8.45AM to 5.30PM on all working days. In some special circumstances like important functions/meetings persons should be made available earlier as per the instructions of the office which should be strictly followed.
- If any of the person deployed is on leave due to some reasons suitable person has to be deployed by the contractor immediately on prior information due to which day to day activities of the institute should not suffer. If required number of persons not deployed in the office during working days proportionate amount will be deducted from the bill accordingly.
- Complaint register has to be maintained with necessary entries after getting verified by the concerned officer and it should be shown to the office on demand.
- ESI, EPF, any other taxes etc for the persons deployed lies with the responsibility of the contractor. Contractor has no rights for claim in any way from the institute during the contract period.
- Service should be provided during nights and holidays in Headquarters, residential Quarters at Coimbatore.
- The materials required for the maintenance work should be supplied by the service provider and the expenditure incurred for the procurement of materials may be claimed/reimbursed by the Service Provider as per rate approved by the Competent Authority of ICAR-SBI on every month after the verification/certification of the Technical Officer (Electrical), SBI Headquarters.

- Rate for the materials for maintenance/installation work as per the list attached should be quoted separately.

List of Work for Rate Contract

Sl. No	Work Description	Item	Rate
01	Charges for UG cable laying, end termination per meter including material charges	i)16Sq.mm to 35 Sq.mm-4core ii)50Sq.mm to 150Sq.mm-3.5core iii) 150sqmm to 300sqmm-3.5core	
02	Charges for cable trench and masonry works etc. including materials complete in all respects	Size 60x60cm with cover slab of 10cm thickness (per mtr)	
03	Charges for new wiring works including materials	5Amps switch with socket Modular-1no	
		5 Amps Switch with Socket Ordinary-1no	
		15Amps Switch with socket Modular-1no	
		15Amps Switch with socket Ordinary-1no	
		Supply and fixing of:	
		i)Single pole 6 to 32 Amps MCB with surface metal box	
		ii)Double pole 32 Amps and above MCB with surface metal box	
		iii)Four pole 32 Amps and above MCB with surface metal box	
		Ordinary/Modular (open type/concealed wiring)	
		1.5sqmm wiring per meter	
		2.5sqmm wiring per meter	
		4.0sqmm wiring per meter	
		6.0sqmm wiring per meter	
		Light point (short point)	
		Light Point (long Point)	
		Fan point	
		Fixing of LED Light Fitting	
		Fixing of Ceiling Fan	
		Fixing of Exhaust Fan	
		Fixing of Wall mount Fan	
		Chemical Earthing	
		i) 1mtr	
		ii) 2mtr	
04	Charges for rewinding work including replacement of bearing, impeller, shaft etc	Ceiling fan with bearing	
		Heavy Duty Exhaust fan	
05	Charges for lifting and Erection of borewell motor	10/12.5/15HP motor (Rate/ft)	

Note:

1. Copper wire- L&T, Finolex, Havells, Polycab
2. Switches- Legrand, GM, MK
3. MCB - Legrand, L&T, C&S
4. Light Fittings- Philips, Crompton, GM, Luker
5. Fan Fittings- Crompton, Almonard, Havells, Luker
6. UG cable - Polycab, Finolex, Havells

List of Materials

Sl. No	Description	RATE PER No/Kg/mtr
1	HRC fuse unit with link -32Amps	
2	HRC fuse unit with link -63Amps	
3	HRC fuse unit with link -125Amps	
4	HRC fuse unit with link-200Amps	
5	HRC fuse unit with link- 400Amps	
6	FP MCCB - 63Amps	
7	FP MCCB- 100Amps	
8	FP MCCB - 125Amps	
9	FP RCCB - 63Amps	
10	FP RCCB-100Amps	
11	DP MCB - 40Amps	
12	DP MCB- 32Amps	
13	DP MCB- 25Amps	
14	DP MCB- 20Amps	
15	DP RCCB- 25Amps	
16	DP RCCB - 40Amps	
17	SP MCB - 10Amps	
18	SP MCB- 16Amps	
19	SP MCB- 25Amps	
20	SP MCB - 32Amps	
21	FP MCB- 40Amps	
22	FP MCB- 63Amps	
23	4' LED Tube fitting (Day cool white)	
24	4' LED Twin Tube fitting (Day cool white)	
25	LED Tube fitting (Warm)	
26	1200mm BLDC Ceiling Fan 5star	
27	1200mm Ceiling Fan	
28	300mm Exhaust Fan	
29	400mm Wall Fan	
30	36W LED Street light fitting	
31	50W LED street light fitting	
32	100W Flood light fitting	
33	200W Flood light Fitting	
34	Ordinary Switch - 6Amps	
35	Ordinary Switch - 16Amps	
36	5Pin Ordinary Socket-6Amps	

Sl. No	Description	RATE PER No/Kg/mtr
37	5Pin Ordinary Socket-6/16Amps	
38	Modular Fan Step regulator	
39	6A 3 pin top	
40	16A 3 pin top	
41	Insulation tape	
42	Mirror light fitting	
43	36watt 2x2 LED Ceiling surface fitting	
44	36watt 2x2 LED Ceiling fitting	
45	24Watt 1 x 1 LED Ceiling fitting	
46	3W LED Square Ceiling fitting	
47	9W LED Strip with driver (5Mtr.)	
48	125Amps SDFU	
49	63Amps SDFU	
50	32Amps SDFU	
51	DP Master Control Switch-32Amps	
52	Decorative wall bracket fitting	
53	1.0 Sqmm PVC Copper wire	
54	1.5 Sqmm PVC Copper wire	
55	2.5 Sqmm PVC Copper wire	
56	4 Sqmm PVC Copper wire	
57	6 Sqmm PVC Copper wire	
58	10 Sqmm PVC Copper wire	
59	16 Sqmm PVC Copper wire	
60	Fan capacitor 2.5mfd	
61	3+3 ordinary switch box	
62	2+2 ordinary switch box	
63	9watt LED bulb	
64	50watt LED bulb	
65	18Watt LED PL lamp	
66	12module surface modular switch box with cover plate	
67	9module surface modular switch box with cover plate	
68	6 module surface modular switch box with cover plate	
69	4 module surface modular switch box with cover plate	
70	Modular box blank plate	
71	1.5Sqmm 3 core cable	
72	2.5Sqmm 3 core cable	
73	4.0Sqmm 3 core cable	
74	6.0Sqmm 4 core cable	
75	6A modular switch	
76	6A 5pin modular socket	
77	16A modular switch	
78	16A 5 pin modular socket	
79	Telephone connector RJ 11	
80	Digital Timer for street light	
81	Analog Timer for street light	
82	Calling bell	

Sl. No	Description	RATE PER No/Kg/mtr
83	250A 4pole MCCB	
84	400A 4pole MCCB	
85	630A 4pole MCCB	
86	500A Porcelain Fuse carrier set	
87	200A Porcelain Fuse carrier set	
88	100A Porcelain fuse carrier set	
89	63A Porcelain Fuse carrier set	
90	32A Porcelain Fuse carrier set	
91	63Amps TPST Main Switch	
92	32Amps motor start switch modular type (Legrand)	
93	6/16Amps Weather proof switch with box	
94	Fan down rod 2ft	
95	6-way 1ph DB box	
96	12-way 1ph DB box	
97	4-way Double Door 3ph DB box	
98	6-way Double Door 3ph DB box	
99	8-way Double Door 3ph DB box	
100	No 14 SWG copper wire	
101	No 8 SWG copper wire	
102	Pedestal Fan 400mm Sweep	
103	Fan shackle clamp	
104	PVC Casing pipe of size 20mm,25mm	
105	Concrete nail	
106	Dry wall screw 20/25/32mm	
107	PVC Flexible hose-20/25mm	

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5. Fan Fittings- Crompton, Almonard, Havells, Luker
6. UG cable - Polycab, Finolex, Havells


ADMINISTRATIVE OFFICER

