

# **Tender Document**

**For**

## **“Annual Repair, Maintenance & Operation of Electrical Works at Central University of Rajasthan”**

**NIT No.** : **CURAJ/R/F.159/2024/1175**  
**NIT Issue Date** : **25.06.2024**  
**Last Date of Submission** : **16.07.2024 upto 2.00 PM**  
**Technical Bid Opening Date** : **16.07.2024 at 3.00 PM**



**CENTRAL UNIVERSITY OF RAJASTHAN**

**NH-08, Bandarsindri, Teh.- Kishangarh, Dist. - Ajmer, Rajasthan – 305817**

**[www.curaj.ac.in](http://www.curaj.ac.in)**

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**Name of Work: Annual Repair, Maintenance & Operation of Electrical Works at Central University of Rajasthan.**

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## Notice Inviting Tender

The Registrar, Central University of Rajasthan, NH-08, Bandarsindri, Teh.- Kishangarh, Dist.-Ajmer, Rajasthan-305817 invites sealed **Item Rate Tender** from eligible registered/enlisted contractors of CPWD, MES, BRO, State PWD or Public Sector Undertakings set up by the central or state government, having successfully completed works of similar nature as per eligibility conditions for the following works :

1.	Name of the Work	Annual Repair, Maintenance & Operation of Electrical Works at Central University of Rajasthan.
2.	NIT No.	CURAJ/R/F.159/2024/1175      Date: 25.06.2024
3.	Estimated Cost	Rs. 2,00,02,191/- incl. GST.
4.	Earnest money deposit	Rs. 4.0 lakhs
5.	Period of Work	Twelve (12) Months or till award of new comprehensive tender by the University whichever is earlier (extendable further one more year).
6.	Last Time & Date of submission of Bid	16.07.2024 at 2.00 PM
7.	Time & Date of Opening of Tender	16.07.2024 at 3.00 PM
8.	Pre Bid Conference	Pre Bid Conference shall be held with the eligible and intending bidders at Conference Hall, Administration Building, Central University of Rajasthan on <b>08.07.2024 at 03:00 p.m.</b>

The tender document can be downloaded from the official website of University: [www.curaj.ac.in](http://www.curaj.ac.in) or Central procurement portal: [www.eprocure.gov.in](http://www.eprocure.gov.in) at free of cost.

The Registrar reserves the right to reject any or all tenders without assigning any reason(s) thereof.

Note:

- 1) All subsequent corrigendum / amendments shall be published only on website and not in press. Hence participants are advised to be in touch with our University website until the tender/bid is finally opened.
- 2) Date & Time for Opening of Financial bid will be intimated later on, to the technically qualified bidders only.

Registrar  
Central University of Rajasthan

## **DETAILED NOTICE INVITING TENDER**

### **Information and Instructions to the Bidders for Tendering**

<p>The Registrar, Central University of Rajasthan, NH-08, Bandarsindri, The.- Kishangarh, Dist.-Ajmer, Rajasthan -305817 invites sealed <b>Item Rate Tender</b> from eligible approved/registered/enlisted Contractor of CPWD, MES, BRO, State PWD or Public Sector Undertakings set up by the central or state government, having successfully completed works of similar nature as per eligibility conditions.</p>	
1.	<p><b>Name of Work: Annual Repair, Maintenance &amp; Operation of Electrical Works at Central University of Rajasthan.</b></p> <p>1.1 Estimated Cost: The work is estimated to cost Rs. 2,00,02,191/-incl. GST. This estimate, however, is given merely as a rough guide.</p>
2.	<p><b>Eligibility Criteria</b></p>
2.1	<p>Intending bidder is eligible to submit the bid provided, he has definite proof from the appropriate authority, which shall be to the satisfaction of the competent authority, of having satisfactorily completed similar nature of works as defined here under and of magnitude specified below: Experience of having successfully completed similar works for “<b>Annual Repair, Maintenance &amp; Operation of Electrical Works</b>” during last 7 years ending last day of month previous to the one which applications are invited, should be either of the following:</p> <p>a) <u>Three</u> similar completed works costing not less than 40% of estimated cost, for each work. OR <u>Two</u> similar completed works costing not less than 60% of estimated cost, for each work. OR <u>One</u> similar completed works costing not less than 80% of estimated cost, for each work. <b>(Documentary evidence to substantiate above facts must be submitted along with Annexure-III and submitted with technical bid.)</b></p>
2.2	<p><b>Similar nature of works means here- “Annual Repair, Maintenance &amp; Operation of Electrical Works”.</b> <b>Note:</b> Joint Ventures are not accepted.</p>
2.3	<p>The bidder must have registration/ enlistment with CPWD, MES, BRO, State PWD or Public Sector Undertakings set up by the central or state government in appropriate class and appropriate category. The bidder has to <b>submit copy of registration/ enlistment in appropriate class valid up to date.</b></p>
2.4	<p>The Bidder must submit a <b>valid Electrical Contractor License in appropriate class/category for working as electrical contractor of 33kV electric line</b> issued by Govt. of Rajasthan / Govt. of India / State Administration of the state in which the contractor is working.</p>
2.5	<p>The bidder should have had <b>average annual financial gross turnover not less than Rs. 400 lakhs on works during the last three financial years.</b> Attested copy of audited balance sheets duly certified by chartered accountant for the last three consecutive financial years (2020-21,</p>

		2021-22, 2022-23) should be submitted along with the bid document. Year, in which no turnover is shown, would also be considered for working out the average. (Annexure-II)
	2.6	The bidder should not have incurred any loss (profit after tax should be positive) in more than two years during available last five consecutive balance sheets, duly audited and certified by the Chartered Accountant, should be submitted along with the bid document (Annexure-II).
	2.7	<p><b>The bidder should have bidding capacity equal to or more than the estimated cost of the work put to tender.</b> The bidding capacity shall be worked out by the following formula:</p> <p>Bidding Capacity = {[AxNx1.5]-B}</p> <p>Where,  A = Maximum turnover in construction works executed in any one year during the last seven years taking into account the completed as well as works in progress. The value of completed works shall be brought to current costing level by enhancing at a simple rate of 7% per annum.</p> <p>N = Number of years prescribed for completion of work for which bids have been invited.</p> <p>B = Value of existing commitments and ongoing works to be completed during the period of completion of work for which bids have been invited.</p>
3.		The bidder has to submit a list of jobs in progress for ARMO of Electrical Works and brief details of the scope of work, names and address (postal mail) of present clients. (Annexure-IV).
4.		The track record of the contracting agency/contractor should be clean and should not be blacklisted or not have any involvement in illegal activities or financial misappropriation / frauds etc. by any Central/State Government/Public Sector Undertaking/Institute on any account. <b>A self-certificate on Non-Judicial Stamp Paper shall be attached in this regard (Annexure-V).</b>
5.		<b>The bidder should have registration with Employee Provident Fund Commissioner and Employee State Insurance Corporation. The self-attested copies of same should be enclosed with the technical bid.</b>
6.		<b><u>This contract will be valid for a period of one (01) year or till award of new comprehensive tender by the University whichever is earlier, commenced after 15 days from the date of issue of letter of award.</u></b> However the contract further may be extended for one more year or part thereof on same terms and conditions, if the contractor's performance is observed satisfactory. The performance would be evaluated by the Engineer in Charge. Scope of work and cost of such extension will be decided mutually.
7.		<p><b>Preparation &amp; Submission of bids :</b></p> <p>The tender should be submitted in two parts i.e. Technical Bid and Financial Bid. <b>Both the bids shall be placed in two separate envelopes</b> with due mentioning the name of work and bid type. Both Sealed Envelopes should be kept in a main/ bigger envelope with due mentioning the name of work, date &amp; time of opening of bids. This is to be submitted in the Tender Box placed in 'Dispatch &amp; Receipt Section, Room No 101, Ground Floor, Administration Building, Central University of Rajasthan' within</p>

	<p>the last date of submission as mentioned above. The University will not be responsible for any postal or other delay whatsoever. The offers submitted through Telegram/Fax/E-Mail shall not be considered and no any correspondence will be made in this regard.</p>
8.	<p><b>Earnest Money Deposit:</b>  The bidder shall be required to submit the Earnest Money Deposit (EMD) for an amount of <b>Rs. 4 lakhs</b> by way of demand drafts/CURAJ Account only.  The demand drafts shall be drawn in favour of “Central University of Rajasthan” payable at Bandarsindri/Kishangarh. <b>The demand drafts for earnest money deposit must be enclosed in the envelope containing the technical bid.</b> The EMD of the successful bidder shall become part of Performance Guarantee and for unsuccessful bidder(s), it would be returned (without interest) after award of the contract. Tenders received without EMD shall not be accepted.  <b>Details of University for deposition of EMD: Name: Central University of Rajasthan</b>  Name of Bank: Bank of India    Branch Name: Central University of Rajasthan  Account No. 666110210000003    IFSC: BKID0006667</p>
9.	<p><b>Performance Guarantee:</b></p> <ul style="list-style-type: none"> <li>● The Contractor, whose bid is accepted will require to furnish performance guarantee of 5% (Five Percent) of the tendered amount within the period specified in Schedule "E".</li> <li>● In this regard CPWD, GCC-2023 with up to date corrections should be followed.</li> <li>● PG shall be in the form of deposit at call receipt of any scheduled bank/banker's cheque of any scheduled bank/Demand Draft of any scheduled bank/Pay order of any scheduled bank (in case guarantee amount is less than Rs. 1,00,000/-) or Government Securities or Fixed Deposit Receipt or Guarantee Bonds of any Scheduled bank or the State Bank of India in accordance with the prescribed form. Form of Performance Security (Guarantee) Bank Guarantee Bond shall be as per Performa given in GCC for CPWD Works-2023 and amendment there in up to last date of submission of bid. The earnest money deposited along with bid shall be returned after receiving the aforesaid performance guarantee. In case, the contractor fails to deposit the said performance guarantee within the period as indicated in Schedule 'E', including the extended period, if any, the Earnest Money deposited by the contractor shall be forfeited automatically without any notice to the contractor.</li> <li>● <b>Association of Agency:</b> For ARMO of Electrical Works including ‘Specialized E&amp;M Works’ as per CPWD Works Manual as amended time to time, the lowest bidder shall have to execute the MOU as per Annexure-IX with OEM / Authorized Service Agent of OEM or Sub-Contractors.</li> <li>● The lowest bidder shall have to submit the MOUs within 15 days from the date of award of LoA /intimation given by the University. Only on receipt and verification of the MOUs, the University shall award the work. In case of non-submission or partial submission of MOUs, the work shall not be awarded and EMD shall be forfeited. The agency shall also be suspended for 02 years and shall not be eligible to bid at CURAJ from the date of issue of suspension order.</li> <li>● The contractor whose bid is accepted will also be required to furnish, either copy of applicable licenses/registrations or proof of applying for obtaining labour licenses, registration with EPFO, ESIC and BOCW Welfare Board including Provident Fund Code No., if applicable and also ensure the compliance of aforesaid provisions by the sub-contractors (if any) engaged by the contractor for</li> </ul>

	<p>the said work and Programme Chart (Time and Progress) within the period specified in Schedule-F.</p> <ul style="list-style-type: none"> <li>● <b>The performance Guarantee shall be valid up to the contract period plus 90 days beyond that.</b> The said performance guarantee shall be returned to the contractor after satisfactory completion of contracted work.</li> <li>● This EMD/Performance Guarantee shall be forfeited if he/they fails to comply with any of the conditions of the contract. <b>No interest shall be paid on the EMD &amp; Performance Guarantee.</b></li> </ul>
10.	<p><b>Payment Clause:</b></p> <ol style="list-style-type: none"> <li>1. <u>For Schedule- 01:</u> The payment will be made on <u>monthly basis</u> based upon the actual work done.</li> <li>2. <u>For Schedule- 02, 03, 08, 10 &amp; 12:</u> The payment will be made on <u>quarterly basis</u> based upon the actual work done.</li> <li>3. <u>For Schedule- 04, 05, 06, 07, 09, &amp; 11:</u> The payment will be made <u>as per actual after satisfactory completion of work.</u></li> <li>4. The agency/contractor must has to submit the draft CMBs time to time for the works done for perusal/checking and after that, final CMBs, Bills, Electronic Proof of Payment to the Men power and all other relevant documents as required, duly signed and sealed well in time for payment in accordance with the CPWD Manuals.</li> <li>5. No advance payment will be made. Income tax and all other statutory tax deduction will be made as per Govt. of India norms.</li> <li>6. The amount of GST (as applicable) charged by the Contractor from the University on account of the services rendered by him, will be paid only after submission of the copy of challan of GST with necessary supporting documents with next month bill.</li> <li>7. No Running Account Bill will be paid till the applicable labour licenses, registration with EPFO, ESIC and BOCW Welfare Board {The Building and Other Construction Workers (Regulation and Conditions of Service) Act, 1996}, wherever applicable are submitted by the contractor to the Engineer-In-Charge at the time of start of work.</li> </ol>
11.	<p>The bidder should have his own testing equipment for proper and timely execution of works and he should submit a list of these equipment. Else, he should certify that, he would be able to manage the equipment by hiring etc. and submit the list of agency/contractors with their consent from whom he proposes to hire. The name of equipment, serial number of the equipment should be submitted.</p>
12.	<p><b>Tenders submitted shall remain valid for 90 days</b> from the date of opening for the purpose of acceptance and award of work.</p>
13.	<ol style="list-style-type: none"> <li>1. Intending bidders are advised to inspect and examine the site and it's surroundings and satisfy themselves before submitting their bids as to the nature of works, equipment, E&amp;M installations etc. (so far as practicable), the form and nature of the site, the means of access to the site, the accommodation and other basic facilities they may require in general, shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their bids.</li> <li>2. A tenderer shall be deemed to have full knowledge of the site, whether he inspects it or not and no extra claims / payments consequent on any misunderstanding or otherwise shall be allowed. The bidders shall be responsible for arranging and maintaining all materials, tools &amp; plants, water,</li> </ol>

	<p>electricity, access to site, facilities for workers and all other services required for executing the works unless otherwise specifically provided for in the contract documents at their own cost.</p> <p>3. Submission of bid by the bidder implies that, he/she has read this notice, contract documents and all other terms &amp; conditions therein has made himself aware of the scope and specifications of the work to be done and of conditions and rates at which stores, tools and plant, etc. will be issued to him by the government, mentioned if any in this tender document and local conditions and other factors having a bearing on the execution of the work. No claim whatsoever on such accounts shall be entertained by the University in any circumstances after award of tender.</p>
14.	<p>Except writing rates and amount, the tenderer should not write any condition(s) or make any changes, additions, alterations and modifications in the printed/downloaded form of tenders. If any changes, additions, alterations, modifications are detected in the submitted bid even at a later stage when contract has been awarded, the contract will be liable to be void. The decision of Registrar, Central University of Rajasthan will be final &amp; binding on the Contractor in this regard.</p>
15.	<p><b>The authorized persons of the contracting agency/contractor must put his/her signature on all the pages of the tender documents invariably in having accepted all the terms and conditions in respect of this tender work.</b></p>
16.	<p>The competent authority of CURAJ does not bind itself to accept the lowest or any other tender, and reserves itself the authority to reject any or all the tenders received, without assignment of any reason. All tenders in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the tenderer shall be summarily rejected. The competent authority of CURAJ reserves to himself the right of accepting the whole or any part of the tender and the tenderer shall be bound to perform the same at the quoted rate.</p>
17.	<p>The contractor shall not be permitted to bid for the works in CURaj responsible for award and execution of contracts, in which his/her near relative is posted as an officer in any capacity between the grades of Superintending Engineer and Junior Engineer (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any gazette officer in the CURaj. Any breach of this condition by the contractor would render him liable to be removed from the approved list of contractors of this Department.</p>
18.	<p>No Engineer of Gazetted rank or other Gazetted Officer employed in Engineering or Administrative duties in an Engineering Department of the Government of India is allowed to work as a contractor for a period of one year after his/her retirement from Government service, without the prior permission of the Government of India in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of the Government of India as aforesaid before submission of the bid or engagement in the contractor's service.</p>
19.	<p>Each and every page of the tender document, annexures, corrigendum/addendum (if any) and their annexures should be duly sealed &amp; signed and submitted with technical bid.</p>



20.	<b>The tender will be awarded to the bidder who will be qualified in technical evaluation. The contractor/agency must ensure to quote the rate of each item. Tender will be accepted for different schedules based on the L1 rates for each schedule.</b>
21.	<b>Financial bid</b> should contain only the Bidder's quoted rates in the given format, to be enclosed in <b>Envelope-II</b> super scribed with Name of Work. Financial offers shall be opened only of those, who have submitted proper EMD and have qualified in the Technical Bids as per eligibility criteria and on submission of all the required documents.
22.	This Notice Inviting Bid shall form a part of the contract document. The successful bidder/contractor, on acceptance of his/her bid by the accepting authority, shall within 15 days from the stipulated date of start of the work, sign the contract consisting of- The Notice Inviting Bid, all the documents including additional or special conditions, specifications and drawings, if any, forming part of the bid as uploaded online at the time of invitation of bid and rate quoted at the time of submission of bid and acceptance thereof together with any correspondence leading thereto.
23.	The tender document can be seen/ downloaded from the University Website: <a href="http://www.curaj.ac.in">www.curaj.ac.in</a> & CPP Portal and all future Corrigendum/Corrigenda will be uploaded on our website.
24.	Bid document consisting of plans, specifications, the schedule of quantities/works of various types of items to be executed and set of terms & conditions of the contract to be complied with and other necessary documents except Standard General Conditions of Contract Form can be seen from website <a href="http://www.curaj.ac.in">www.curaj.ac.in</a> or <a href="http://www.eprocure.gov.in">www.eprocure.gov.in</a> free of cost. The standard latest publications like General Conditions of Contract, Delhi Schedule of Rates for Civil and Electrical with amendments / correction slips up to the last date of submission of tender can be seen free of cost from CPWD website.
25.	Before submitting the bids, please go through complete tender document and terms & conditions on which the work will be awarded and shall be executed by the successful tenderer. The successful tenderer/contractor, on acceptance of his tender by the Accepting Authority, shall, within 15 days from the stipulated date of start of the work, sign the contract consisting of:- 1. The notice inviting tender, form of agreement, integrity pact, all the documents including drawings, if any, forming the tender as issued at the time of invitation of tender and acceptance thereof together with any correspondence leading thereto. 2. Standard C.P.W.D. Form as mentioned in schedule(s) consisting of (a) various standard clauses with corrections up to the date stipulated in schedule(s) along with annexures thereto, (b) C.P.W.D. Safety Codes. 3. No payment for the work done will be made, unless the contract is signed by the contractor.

**CPWD - 8**  
**Central University of Rajasthan**

STATE : RAJASTHAN

**Item Rate Tender & Contract for Works**

**Name of Work: "Annual Repair, Maintenance & Operation of Electrical Works".**

- (i) Bids to be submitted by 02.00 PM upto 16.07.2024 in the tender box at Receipt & Dispatch Section, Room No-101, Administration Building, CURaj.
- (ii) Technical Bids will to be opened on same day at 3.00 p.m. by the authorized representatives of Central University of Rajasthan in presence of available tenderers.

Issued to: - M/s \_\_\_\_\_

Signature of officer issuing the documents

Designation:

Date of Issue:

**TENDER**

I/We have read and examined the notice inviting tender, all schedules, specifications, applicable, Drawings & Designs, General Rules and Directions, Conditions of Contract, clauses of contract, special conditions, Schedule of Rates & other documents and Rules referred to in the condition of contract and all other contents in the tender document for the work.

I/We hereby tender for the execution of the work specified by the University within the time specified in Schedule "F", viz. schedule of quantities/works and in accordance with the specifications, designs, drawings and instructions in writing referred to in Rule-1 of General Rules and Directions and in Clause 11 of the Conditions of Contract and with such materials as are provided for, by, and in respects in accordance with, such conditions, so far as applicable.

I/We agree to keep the tender open for ninety (90) days from the due date of opening and not to make any modification in it's terms and conditions.

A sum of Rupees \_\_\_\_\_ as mentioned in NIT is hereby forwarded as demand draft or deposited in CURAJ Account in favour of Registrar, Central University of Rajasthan **as earnest money deposit**. If, I/We fail to furnish the prescribed performance guarantee of tender form within prescribed period, I/We agree that the University, without prejudice to any other right or remedy, be at liberty to forfeit the said earnest money deposit absolutely.

Further, if I/we fail to commence the work as specified, I/we agree that the University shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said earnest money and the performance guarantee absolutely, otherwise the said earnest money shall be retained by him towards security deposit to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to therein and to carry out such deviations as may be ordered, up to

maximum of the percentage mentioned in schedule 'F' and those in excess of that limit at the rates to be determined in accordance with the provision contained in clause 12.2 and 12.3 of the tender form.

Further I/We agree that in case of forfeiture of earnest money or both earnest money and performance guarantee as aforesaid, I/We shall be debarred for participation in the re-tendering process of the work.

I/We undertake that, eligible similar work(s) has/have not been got executed through another contractor on back to back basis. Further that, if such a violation comes to the notice of the Department, then I/we shall be debarred for tendering in Central University of Rajasthan in future forever. Also, if such a violation comes to the notice of Department before date of start of work, the Engineer-In-Charge shall be free to forfeit the entire amount of Earnest Money Deposit/Performance Guarantee.

I/We hereby declare that, I/We shall treat the tender document, drawings and other records connected with the work as secret/confidential documents and shall not communicate information derived from there to any person other than a person to whom I/we am/are authorized to communicate the same or use the information in any manner prejudicial to the safety of the state.

Dated \_\_\_\_\_

Signature of Tenderer/Contractors

Postal Address\* \_\_\_\_\_

\_\_\_\_\_

Contact No.\* \_\_\_\_\_

Fax \_\_\_\_\_

E-Mail ID \_\_\_\_\_

Witness\*\* : \_\_\_\_\_

Address\*\* : \_\_\_\_\_

Occupation\*\* : \_\_\_\_\_

(\* ) To be filled in by the Tenderer/Contractors.

(\*\* ) To be filled in by the Witness.

### ACCEPTANCE

The above tender (as specified/modified by you as provided in the letters mentioned hereunder) is accepted by me on behalf of Central University of Rajasthan for a sum of Rs. \_\_\_\_\_  
\_\_\_\_\_).

The letter referred below shall form the part of this agreement:-

a)

b)

Signature with Date.....

Registrar

Central University of Rajasthan

## “PROFORMA OF SCHEDULES for ARMO of Electrical Works”

### SCHEDULE 'A'

Schedule of Quantities **as per Financial Bid document**

### SCHEDULE 'B'

Schedule of materials to be issued to the contractor.

Sl. No.	Description of Item	Quantity	Rates in figures & words at which the material will be charged to the contractor	Place of Issue
1	2	3	4	5
<b>1.</b>	<b>NIL</b>	<b>NIL</b>	<b>NIL</b>	<b>NIL</b>

### SCHEDULE 'C'

Tools and Plants to be hired to the contractor

. No.	Description	Hire charges per day	Place of issue
1	2	3	4
	<b>NIL</b>	<b>NIL</b>	<b>NIL</b>

### SCHEDULE 'D'

Extra schedule for specific requirements/ documents for the work, if any.

-NIL-

### SCHEDULE 'E'

1. *Reference to General Conditions of Contract: General Conditions of Contract for Central PWD/CURAJ Works: GCC 2023, Form-8 for CPWD works as amended upto last date of submission of bid.*

**2. Name of Work: - “Annual Repair, Maintenance & Operation of Electrical Works at Central University of Rajasthan.”**

- i. **Estimated cost of work** : Rs. 2,00,02,191/- (incl. GST)
  - ii. **(i) Earnest Money Deposit** : Rs. 4.0 lakhs
  - iii. **(ii) Performance guarantee** : 5% (Five Percentage) of accepted tendered value.
  - iv. **(iii) Security Deposit** : 5% of tendered amount of work and it will be
    - i. collected by deductions from the running bills as well as final bill of the contractor except Schedule-01.
- CLAUSE 10C** : **Not Applicable**  
**CLAUSE 10CA** : **Not Applicable**  
**CLAUSE 10CC** : **Not applicable**

**SCHEDULE 'F'**

General Rules & Directions	General Conditions of Contract for CPWD Works -2023 with amendments upto date of receipt of tender shall read with NIT.
Officer Inviting Tender	Registrar, Central University of Rajasthan.
<b>Definitions:</b>	
(i) Engineer-In-Charge	Executive Engineer, Central University of Rajasthan.
(ii) Accepting Authority	Registrar, Central University of Rajasthan.
(iii) Percentage on cost of materials and labour to cover all overhead & profits.	15%
(iv) Standard Schedule of Rates	DSR 2022 (E&M) with correction slips up to last date of submission of bid.
(v) Department	Central University of Rajasthan
(vi) Standard CPWD/CURAJ Contract Form	GCC 2023, CPWD form 8 as modified and corrected upto the last date of issue of tender.
<b>Clause 1</b> i) Time allowed for submission of Performance Guarantee, Programme Chart (Time and Progress) and applicable labour licenses, registration with EPFO, ESIC and BOCW Welfare Board including Provident Fund Code No. or proof of applying thereof from date of issue of letter of acceptance.  ii) Maximum allowable extension with late fee @ 0.1% per day of performance guarantee amount beyond the period provided in (i) above  iii) The lowest bidder shall have to execute the MOUs as per Annexure-IX with concerned specialized agencies in case of Specialized E&M Works. The lowest bidder shall have to submit the MOUs within 15 days from date of award of LOA/ intimation by the University. Only on receipt and verification of the MOUs, the University shall award the work. In case of Non-Submission or partial submission of MOUs the work shall not be awarded and EMD shall be forfeited and the agency shall be suspended for 02 years and shall not be eligible to bid at CURAJ from the date of issue of suspension order.	<b>15 days</b>  <b>7 days</b>  <b>15 days</b>
<b>Clause 2</b>	

Authority for fixing compensation under clause 2. <b>Clause 2 (A).</b> Whether clause 2 (A) shall applicable	<b>Registrar, Central University of Rajasthan.</b>  <b>No</b>
<b>Clause 5</b>	
Number of Days from the Date of issue of letter of acceptance/award for reckoning date of start.	<b>15 days</b>
<b>Period of work</b>	<b>Twelve (12) Months or till award of new comprehensive tender by the University whichever is earlier (further extendable one more year).</b>
<b>Authority to decide:</b>	
<b>(i) Extension of time</b>	<b>Registrar, Central University of Rajasthan.</b>
<b>(ii) Rescheduling of mile stones</b>	<b>NA</b>
<b>Clause 6, Clause applicable - (6 or 6A) :</b>	<b>Clause 6 or 6A</b>
<b>Clause 7</b>	<b>NA</b>
<b>Clause 7A</b> <b>Whether clause 7A shall be applicable</b>	<b>NA</b>
<b>Clause 8A</b> <b>Contractor to Keep Site Clean</b>	<b>Applicable</b>
<b>Clause 10 B (ii)</b> Whether Clause 10 B (ii) shall be applicable	<b>No</b>
<b>Clause 10 CA</b>	<b>Not Applicable</b>
<b>Clause 10CC</b>	<b>12 Months</b>
Schedule of component of other materials, Labour, POL etc. for price escalation. Component of Civil (except materials covered under clause 10CA) / Electrical construction Materials expressed as percent of total value of work.  Component of Labour – Expressed as percent of total value of work.  Component of POL – Expressed as percent of total value of work.	X.....NIL...%  Y.....NIL....%  Z.....NIL.....%
<b>Clause 11</b>	
Specifications to be followed for execution of work	<b>CPWD general specifications for electrical works Part-I (Internal) 2013 &amp; (HVAC-2017), as amended upto date and additional conditions/ specifications.</b>

<b>Clause 12</b>	
12.2 & 12.3: Deviation limit beyond which clauses 12.2 & 12.3 shall apply for building/ARMO of Electrical Works.	<b>100%</b>
12.5 : (i) Deviation limit beyond which clauses 12.2 & 12.3 shall apply for foundation work (except work). (ii) Deviation Limit for items in earth work subhead of DSR or related items	<b>NA</b> <b>NA</b>
<b>Clause 16</b>	<b>Registrar, Central University of Rajasthan.</b>
<b>Clause 18</b> List of mandatory machinery, tools & plants to be deployed by the contractor at site	As applicable to be arranged by the contractor
<b>Clause 19</b> <b>Payment of Wages</b>	<b>Applicable</b>
<b>Clause 25</b> Constitution of Dispute Redressal Committee (DRC) DRC shall constitute one chairman and two members	Competent Authority to appoint DRC- Honorable Vice Chancellor, Central University of Rajasthan
<b>Clause 31</b> Water shall be provided by Central University of Rajasthan free of cost.	

#### **Clause 36(i)**

#### **Requirement of Technical Representative(s) and Recovery Rate**

Sr. No.	Min Qualification of Technical Representative	Discipline	Designation	Minimum Experience	Number	Rate at which recovery shall be made from the contractor in the event of not fulfilling provision of clause 36(i)	
						Figures	Words

Assistant Engineers retired from government services, which are holding Diploma, will be treated at par with Graduate Engineers. Diploma holders with minimum 10 year relevant experience with a reputed construction company can be treated at par with Graduate Engineers for the purpose of such deployment subject to the condition that such diploma holders should not exceed 50% of requirement of degree engineers.

#### **Clause 42**

#### **RECOVERY RATES FOR QUANTITIES BEYOND PERMISSIBLE VARIATION**

Sl No.	Description of item	Rates in figures and words at which recovery shall be made from the Contractor	Excess beyond permissible variation	Less use beyond the permissible variation

NIL

## FORM OF AGREEMENT

(To be executed on non-judicial stamp paper of Rs. 500/-)

Agreement No: \_\_\_\_\_

Dated: \_\_\_\_\_

**Name of Work: Annual Repair, Maintenance & Operation of Electrical Works at Central University of Rajasthan.**

THIS AGREEMENT is made on \_\_\_\_\_ day of \_\_\_\_\_ (month), \_\_\_\_ (year) between **Central University of Rajasthan, NH-08, Bandarsindri, Tehsil-Kishangarh, District-Ajmer, Rajasthan, Pin-305817**, hereinafter called University, (which expression shall, wherever the context so demands or requires, includes their successors in office and assigns) on the one part and .....hereinafter called the Contractor (which expression shall wherever the context so demands or requires, include his/their successors and assigns) on the other part.

WHEREAS the University is desirous that, certain works should be executed viz. ....at Central University of Rajasthan and has by Letter of Acceptance .....dated .....accepted the quotation/offer submitted by the Contractor for ARMO of Electrical Works at a total contract price of Rs..... (Rupees .....only).

Now THIS AGREEMENT WITNESSETH as follows:

1. In this agreement, words and expressions shall have the same meaning as are respectively assigned to them in the conditions of contract hereinafter referred to.
2. The following documents shall be deemed to form and be read and construed as part of the agreement viz:
  - a) This Form of Agreement
  - b) The Letter of Award dated \_\_\_\_\_
  - c) NIT document
  - d) Priced Schedule/ Schedule of Quantities/Works.
  - e) General Conditions of Contract
  - f) Special Conditions of Contract and Scope of work.
  - g) All Annexures to NIT
  - h) CPWD Specifications/GCC with upto date corrections as applicable.

The aforesaid documents shall be taken as complementary and mutually explanatory of one another, but in the case of ambiguities or discrepancies, shall take precedence in the order set out above.



3. In consideration of the payment to be made by the University to the contractor as hereinafter mentioned, the contractor hereby covenants with the University to execute, complete and maintain the works in conformity in all respects within the provisions of the contract.
4. The University thereby covenants to pay to the contractor in consideration of the execution, completion and maintenance of the works at contract price at the time and in the manner prescribed by the contract.

In WITNESS, whereof the parties hereto have caused their respective common seals to be here into affixed (or have herewith set their respective hands and seals) the day and year first above written.

Signed, Sealed and Delivered By

Signed, Sealed and Delivered By

*For and on behalf of*  
(Main Contractor)

*For and on behalf of*  
(CURAJ)

By:

By:

Name

Designation

In the presence of

In the presence of

WITNESS

WITNESS

1.

1.

2.

2.

**To be signed by the bidder and same signatory competent / authorized to sign  
the relevant contract on behalf of Central University of Rajasthan**

*Form of Integrity pact and Integrity agreement shall be as per Performa given in GCC for CPWD Works – 2023 and amendment there in up to last date of submission of bid.*

**INTEGRITY AGREEMENT**

This Integrity Agreement is made at ..... on this .....day of .....20.....

**BETWEEN**

Central University of Rajasthan through Registrar, Central University of Rajasthan, Bandersindri, Kishangarh, Dist-Ajmer. (Hereinafter referred as the ‘Principal Employer/Owner’, which expression shall unless repugnant to the meaning or context hereof include its successors and permitted assigns)

**AND**

.....  
(Name and Address of the Individual/agency/contractor/Company)

through.....

(Details of duly authorized signatory)

Hereinafter referred to as the “Bidder/Contractor” and which expression shall unless repugnant to the meaning or context hereof include its successors and permitted assigns)

**Preamble**

WHEREAS the Principal Employer/Owner has floated the Tender (NIT No. ....) (Hereinafter referred to as “Tender/Bid”) and intends toward, under laid down organizational procedure, contract for .....here in after referred to the “Contract”.

AND WHEREAS the Principal Employer/Owner values full compliance with all relevant laws of the land, rules, regulations, economic use of resources and of fairness/transparency in its relation with its Bidder(s) and Contractor(s).

AND WHEREAS to meet the purpose aforesaid both the parties have agreed to enter into this Integrity Agreement (hereinafter referred to as “Integrity Pact” or “Pact”), the terms and conditions of which shall also be read as integral part and parcel of the Tender/Bid documents and Contract between the parties.

NOW, THEREFORE, in consideration of mutual covenants contained in this Pact, the parties hereby agree as follows and this Pact witnesses as under:

**Article 1: Commitment of the Principal Employer / Owner**

1) The Principal Employer / Owner commit itself to take all measures necessary to prevent corruption and to observe the following principles:

- (a) No employee of the Principal Employer/Owner, personally or through any of his/her family members, will be in connection with the tender, or the execution of the Contract, demand, take a

promise for or accept for self or third person, any material or immaterial benefit for which the person is not legally entitled to.

- (b) The Principal Employer/Owner will, during the tender process, treat all Bidder(s) with equity and reason. The Principal Employer/Owner will, in particular, before and during the Tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential/additional information through which the Bidder(s) could obtain an advantage in relation to the tender process or the contract execution.
  - (c) The Principal Employer/Owner shall endeavor to exclude from the Tender process to the person(s), whose conduct in the past has been of biased nature.
- 2) If the Principal Employer/Owner obtains information on the conduct of any of its employees which is a criminal offence under the Indian Penal code (IPC)/Prevention of Corruption Act, 1988 (PC Act) or is in violation of the principles herein mentioned or if there be a substantive suspicion in this regard, the Principal Employer/Owner will inform the Chief Vigilance Officer and in addition, can also initiate disciplinary actions as per its GoI policies and procedures.

**Article 2: Commitment of the Bidder(s)/Contractor(s)**

- 1) It is required that, each Bidder/Contractor (including their respective officers, employees and agents) adhere to the highest ethical standards and report to the Government / Department all suspected acts of fraud or corruption or Coercion or Collusion of which it has knowledge or becomes aware, during the tendering process and throughout the negotiation or award of a contract.
- 2) The Bidder(s)/Contractor(s) commit himself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the Tender process and during the execution of the Contract:
  - a) The Bidder(s)/Contractor(s) will not, directly or through any other person or agency/contractor, offer, promise or give to any of the Principal Employer/Owner's employee involved in the Tender process or execution of the Contract or to any third person, any material or other benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the Tender process or during the execution of the Contract.
  - b) The Bidder(s)/Contractor(s) will not enter into any undisclosed agreement or understanding with other Bidder(s), whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to cartelize in the bidding process.
  - c) The Bidder(s)/Contractor(s) will not commit any offence under the relevant IPC/PC Act. Further the Bidder(s)/Contractor(s) will not use any information or document provided by the Principal Employer/Owner as a part of the business relationship, plans, technical proposals and business details including information contained or transmitted electronically for the purpose of competition or personal gain or pass on to others.
  - d) The Bidder(s)/Contractor(s) of foreign origin shall disclose the names and addresses of agents/representatives in India, if any. Similarly, Bidder(s)/Contractor(s) of Indian Nationality shall disclose names and addresses of foreign agents/representatives, if any. Either the Indian agent on behalf of the foreign principal or the foreign principal directly could bid in a tender but not both. Further, in cases where an agent participate in a tender on behalf of one manufacturer, he shall not

be allowed to quote on behalf of another manufacturer along with the first manufacturer in a subsequent/parallel tender for the same item.

- e) The Bidder(s)/Contractor(s) will, when presenting their bid, disclose any and all payments he has made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the Contract.
- 3) The Bidder(s)/Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.
- 4) The Bidder(s)/Contractor(s) will not, directly or through any other person or agency/contractor indulge in fraudulent practice means a willful misrepresentation or omission of facts or submission of fake/forged documents in order to induce public official to act in reliance thereof, with the purpose of obtaining unjust advantage by or causing damage to justified interest of others and/or to influence the procurement process to the detriment of the Government interests.
- 5) The Bidder(s)/Contractor(s) will not, directly or through any other person or agency/contractor use Coercive Practices (means the act of obtaining something, compelling an action or influencing a decision through intimidation, threat or the use of force directly or indirectly, where potential or actual injury may befall upon a person, his/ her reputation or property to influence their participation in the tendering process).

### **Article 3: Consequences of Breach**

Without prejudice to any rights that may be available to the Principal Employer/Owner under law or the Contract or its established policies and laid down procedures, the Principal Employer/Owner shall have the following rights in case of breach of this Integrity Pact by the Bidder(s)/Contractor(s) and the Bidder/ Contractor accepts and undertakes to respect and uphold the Principal Employer/Owner's absolute right:

- 1) If the Bidder(s)/Contractor(s), either before award or during execution of Contract has committed a transgression through a violation of Article 2 mentioned above or in any other form, such as to put his reliability or credibility in question, the Principal Employer/Owner after giving 14 days' notice to the Contractor shall have powers to disqualify the Bidder(s)/Contractor(s) from the Tender process or terminate/determine the Contract, if already executed or exclude the Bidder/Contractor from future contract award processes. The imposition and duration of the exclusion will be determined by the severity of transgression and determined by the Principal Employer/Owner. Such exclusion may be forever or for a limited period as decided by the Principal Employer/Owner.
- 2) Forfeiture of EMD/Performance Guarantee/Security Deposit: If the Principal Employer/Owner has disqualified the Bidder(s) from the Tender process prior to the award of the Contract or terminated/determined the Contract or has accrued the right to terminate/determine the Contract according to Article 3(1), the Principal Employer/Owner apart from exercising any legal right that may have accrued to the Principal Employer/Owner, may in it's considered opinion, forfeit the entire amount of Earnest Money Deposit, Performance Guarantee and Security Deposit of the Bidder/Contractor.
- 3) Criminal Liability: If the Principal Employer/Owner obtains knowledge of conduct of a Bidder or Contractor, or of an employee or a representative or an associate of a Bidder or Contractor which constitutes corruption within the meaning of IPC Act, or if the Principal Employer/Owner has

substantive suspicion in this regard, the Principal Employer/Owner will inform the same to the law enforcing agencies for further investigation.

#### **Article 4: Previous Transgression**

- 1) The Bidder declares that no previous transgressions occurred in the last 5 years with any other Company in any country confirming to the anticorruption approach or with Central Government or State Government or any other Central/State Public Sector Enterprises in India that could justify his exclusion from the Tender process.
- 2) If the Bidder makes incorrect statement on this subject, he can be debarred from the Tender process or action can be taken for banning of business dealings/ holiday listing of the Bidder/Contractors deemed fit by the Principal Employer / Owner.
- 3) If the Bidder/Contractor can prove that he has resorted / recouped the damage caused by him and has installed a suitable corruption prevention system, the Principal Employer/Owner may revoke the exclusion prematurely at its own discretion.

#### **Article 5: Equal Treatment of all Bidders/Contractors/Subcontractors**

- 1) The Bidder(s)/Contractor(s) undertake(s) to demand from all subcontractors a commitment in conformity with this Integrity Pact. The Bidder/Contractor shall be responsible for any violation(s) of the principles laid down in this agreement/Pact by any of its Sub-Contractors/Sub-agency/contractors.
- 2) The Principal Employer/Owner will enter into Pacts on identical terms as this one with all Bidders and Contractors.
- 3) The Principal Employer/Owner will disqualify the bidder(s), who do not submit, the duly signed Pact between the Principal Employer/Owner and the bidder, along with the Tender or violate its provisions at any stage of the Tendering process.

#### **Article 6- Duration of the Pact**

This Pact begins when both the parties have legally signed it. It expires for the Contractor/Agency after 12 months from the date of completion of work under the contract or till the continuation of defect liability period, whichever is more and for all other bidders, till the Contract has been awarded.

If any claim is made/lodged during the time, the same shall be binding and continue to be valid despite the lapse of this Pacts as specified above, unless it is discharged/determined by the Competent Authority.

#### **Article 7- Other Provisions**

- 1) This Pact is subject to Indian Law, place of performance and jurisdiction is the Headquarters of the Division of the Principal Employer/Owner, who has floated the Tender.
- 2) Changes and supplements need to be made in writing. Side agreements have not been made.
- 3) If the Contractor is in partnership or a consortium, this Pact must be signed by all the partners or by one or more partner holding power of attorney signed by all partners and consortium members. In case of a Company, the Pact must be signed by a representative duly authorized by board resolution.

- 4) If one or several provisions of this Pact turn out to be invalid, the remainder of this Pact remains valid. In this case, the parties will strive to come to an agreement to their original intentions.
- 5) It is agreed term and condition that, any dispute or difference arising between the parties with regard to the terms of this Integrity Agreement / Pact, any action taken up by the Owner/Principal Employer in accordance with this Integrity Agreement/ Pact or interpretation thereof shall not be subject to arbitration.

**Article 8- LEGAL AND PRIOR RIGHTS**

All rights and remedies of the parties hereto shall be in addition to all the other legal rights and remedies belonging to such parties under the Contract and/or law and the same shall be deemed to be cumulative and not alternative to such legal rights and remedies aforesaid. For the sake of brevity, both the parties agree that this Integrity Pact will have precedence over the Tender/Contact documents with regard any of the provisions covered under this Integrity Pact.

IN WITNESS WHEREOF the parties have signed and executed this Integrity Pact at the place and date first above mentioned in presence of following witnesses:

.....  
 (For and on behalf of Principal Employer/Owner)

.....  
 (For and on behalf of Bidder/Contractor)

**WITNESSES:**

1. ....  
 (Signature, name and address)

2. ....  
 (Signature, name and address)

Place:

Date:

## GENERAL TERMS & CONDITIONS OF THE CONTRACT

1.	<p>If the tenderer feels that, any other information is necessary to make his offer complete, then it should be submitted on a separate sheet without changing or without having intent to modify / change any of the tender condition.</p> <p>Deviation/Any exclusion, deviation from specification shall be clearly spelt out and listed at one place in the offer only and tenderer shall substantiate the same with appropriate reasons. In absence of the same, it will be considered that the tenderer has followed the specifications fully in words and spirit.</p>																																																																		
2.	<p><b>Material:</b></p> <p>The Contractor should maintain / promptly arrange all the tools &amp; tackles required for smooth execution of the works, which will be included in quoted rates. No extra payment for the same will be made by the Central University of Rajasthan. An indicative list of tools/tackles is given hereunder, but not limited to: -</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 5%;">Sr. No.</th> <th style="width: 70%;">Items</th> <th style="width: 25%;">Min. Qty.</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td>Megger – 1000/5000 volts</td> <td style="text-align: center;">2 Nos.</td> </tr> <tr> <td style="text-align: center;">2</td> <td>Crimping tools</td> <td style="text-align: center;">2 set or as required</td> </tr> <tr> <td style="text-align: center;">3</td> <td>Ratchet set</td> <td style="text-align: center;">As required</td> </tr> <tr> <td style="text-align: center;">4</td> <td>Tool kit {D – Spanner, Ring Spanner (5-40 No's each) }</td> <td style="text-align: center;">As required</td> </tr> <tr> <td style="text-align: center;">5</td> <td>Pliers, tester &amp; test lamps</td> <td style="text-align: center;">As required</td> </tr> <tr> <td style="text-align: center;">6</td> <td>Earth tester</td> <td style="text-align: center;">1 Nos.</td> </tr> <tr> <td style="text-align: center;">7</td> <td>Power meter /Multimeter Cum Clamp tester</td> <td style="text-align: center;">4 Nos.</td> </tr> <tr> <td style="text-align: center;">8</td> <td>High voltage discharge rod</td> <td style="text-align: center;">As required</td> </tr> <tr> <td style="text-align: center;">9</td> <td>High voltage safety gloves</td> <td style="text-align: center;">5 pairs</td> </tr> <tr> <td style="text-align: center;">10</td> <td>Torch, emergency light</td> <td style="text-align: center;">6 Nos.</td> </tr> <tr> <td style="text-align: center;">11</td> <td>Electrical screw driver set</td> <td style="text-align: center;">As required</td> </tr> <tr> <td style="text-align: center;">12</td> <td>Hand gloves, safety shoes and safety belts</td> <td style="text-align: center;">As required</td> </tr> <tr> <td style="text-align: center;">13</td> <td>First aid kit</td> <td style="text-align: center;">6 Nos.</td> </tr> <tr> <td style="text-align: center;">14</td> <td>Vacuum cleaner</td> <td style="text-align: center;">1 No.</td> </tr> <tr> <td style="text-align: center;">15</td> <td>Blower</td> <td style="text-align: center;">2 Nos.</td> </tr> <tr> <td style="text-align: center;">16</td> <td>Ladder upto 20 feet safe working height</td> <td style="text-align: center;">02 Nos.</td> </tr> <tr> <td style="text-align: center;">17</td> <td>Chopaya upto 20 feet safe working height</td> <td style="text-align: center;">02 Nos.</td> </tr> <tr> <td style="text-align: center;">18</td> <td>Temperature gun</td> <td style="text-align: center;">01 No.</td> </tr> <tr> <td style="text-align: center;">19</td> <td>Electric Insulation tape</td> <td style="text-align: center;">As required</td> </tr> <tr> <td style="text-align: center;">20</td> <td>Tool bag</td> <td style="text-align: center;">As required</td> </tr> <tr> <td style="text-align: center;">21</td> <td>The consumable items like cotton waste, dungry cloth, emery paper, lugs of all sizes, nut-bolts of all sizes, U-clips, CRC &amp; CTC etc.</td> <td style="text-align: center;">As &amp; when required</td> </tr> </tbody> </table>	Sr. No.	Items	Min. Qty.	1	Megger – 1000/5000 volts	2 Nos.	2	Crimping tools	2 set or as required	3	Ratchet set	As required	4	Tool kit {D – Spanner, Ring Spanner (5-40 No's each) }	As required	5	Pliers, tester & test lamps	As required	6	Earth tester	1 Nos.	7	Power meter /Multimeter Cum Clamp tester	4 Nos.	8	High voltage discharge rod	As required	9	High voltage safety gloves	5 pairs	10	Torch, emergency light	6 Nos.	11	Electrical screw driver set	As required	12	Hand gloves, safety shoes and safety belts	As required	13	First aid kit	6 Nos.	14	Vacuum cleaner	1 No.	15	Blower	2 Nos.	16	Ladder upto 20 feet safe working height	02 Nos.	17	Chopaya upto 20 feet safe working height	02 Nos.	18	Temperature gun	01 No.	19	Electric Insulation tape	As required	20	Tool bag	As required	21	The consumable items like cotton waste, dungry cloth, emery paper, lugs of all sizes, nut-bolts of all sizes, U-clips, CRC & CTC etc.	As & when required
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4	<p><b>Maintenance of records:</b></p> <p>4.1 The Contractor shall prepare &amp; maintain all records such as log books, schedule of maintenance activities, complaint registers, maintenance activity records, duty schedules, attendance register, work permit file, tag file, event registers, test records for various tests conducted, material requisition book and other statutory registers for the works as per GoI Norms and directions of EIC.</p> <p>4.2 Records of major breakdown occurred during the contract period shall be maintained separately indicating it's cause, location and types of repairs carried out. These all records shall be handed over to Engineer-In-Charge on time to time basis. The cost of stationery required for maintenance of the above records shall be borne by the Contractor itself.</p> <p>4.3 The Contractor shall maintain a complaint/ fault register. Whenever any electrical complaint arises, the staff of the agency/contractor shall register the complaint &amp; ensure remedial action proactively at the earliest.</p> <p>4.4 Each worker shall maintain a complaint diary and get the feedback recorded from the user/allottee regarding attending the complaint. In case, it is found that the complaint has been attended unsatisfactorily, it will be considered as unattended. List of such complaints will be submitted to the Engineer-In-Charge or his representative.</p> <p>4.5 The contractor and /or his authorized agent should see the site order/complaint book every day and get the compliance of instructions given by the JE/AE/Engineer-In-Charge as per time schedule.</p>
5.	<p><b>Inspection:</b></p> <p>Inspection may be carried out by the Engineer-In-Charge or any other authorized representative of Central University of Rajasthan as and when required. The log books of the ESS, DG Sets, Pump Houses etc. shall be maintained properly and have to be produced before EIC as &amp; when required.</p>
6.	<p>It is the responsibility of Contractor to hand over the entire system to the Engineer-In-Charge of the Central University of Rajasthan on completion of the contract period in working condition. The final handing over / taking over will be done after joint inspection by the EIC and Contractor on completion of contract period.</p>
7.	<p><b>Safety</b></p> <p>Specifications and Standards: The ARMO of Electrical Works shall be in conformity with relevant Indian Standard Specification, National Electric Codes and Indian Electricity Rules.</p> <p>The Contractor, his agents, representatives, workmen etc. shall strictly observe the standard orders pertaining to LV/HV/EHV (Electrical) and fire precautions prevailing within the restricted areas/electrical substations etc.</p> <p>The Contractor, his agents, representatives, workmen etc. shall strictly adhere to the electric/fire shock precautionary measures while working near the explosive areas/HV/LV/Electrical substation areas. During such times, the workmen should be headed by their Electrical Supervisor as a precautionary measure. The regular team of the Contractor shall be very well aware about Cardio-Pulmonary Resuscitation, first aid etc., while working at height, Personal Protective Equipment (PPE) like safety belts, helmet, ladder and scaffoldings etc. shall be used as per the recommended safety guidelines.</p>



8.	<p><b>Accident or injury to workmen:</b></p> <p>The Central University of Rajasthan shall not be responsible for any injury or loss of any worker of contractor/agency that may take place while on work. Any compensation or expenditure towards treatment for such injury or loss of life shall be the sole responsibility of the Contractor. The Contractor is solely responsible for any damage or injury or accident that may occur to any of his personnel working under this contract. He / She will not claim any compensation from the Central University of Rajasthan.</p>
9.	<p><b>Theft of Parts:</b></p> <p>Contractor shall be fully responsible for theft, burglary, fire or any mischievous deeds by his workers/ staff and shall replace the items under such category. Any loss occurred due to negligence and damage caused by the contractor's staff to the spares provided by CURaj, will be recovered from the Contractor. <b>Security / Safety of all electrical installations at all substations and pump houses shall be the responsibility of the Contractor.</b></p> <p>The Contractor shall further keep the Central University of Rajasthan indemnified against any loss to the Central University of Rajasthan property and assets. The Central University of Rajasthan shall have further right to adjust and/or deduct any of the amounts as aforesaid from the payments due to the Contractor under this contract.</p>
10	<p>The Contractor's team/staff should be well dressed during duty hours which should be proper, clean and tidy. They should also carry necessary tools with them along with ID card issued by the agency/contractor.</p>
11	<p>All necessary training &amp; instructions to the workmen should be given by the contractor before deputing them on site and they should be well educated for the Electrical O&amp;M Works in their concerned trades/categories.</p>
12	<p>For smooth entry in the University Campus, the Contractor will have to submit the relevant required details of all deputies, for obtaining the gate passes from the Security Section of the University.</p>
13.	<p>The Contractor shall be fully responsible for any omission and commission of his staff as well as misdemeanor/ offensive and / or rude behavior towards any person within the campus and shall remove the person forthwith from the campus and shall not deploy him/ her in the campus in future, also pay compensation to the aggrieved person, if demanded. The decision of the Engineer-In-Charge in this regard shall be final and binding on the Contractor. If the Contractor fails to comply with the above requirements, the Engineer-In-Charge shall have full authority to take appropriate action as he deems fit.</p>
14.	<p>The contractor/agency shall submit the complete details of all deputed men power and associated agencies. Any changes must also be informed to the Engineer-In-Charge, Central University of Rajasthan before the changes take place. The persons deployed by the contractor/agency for the required services shall be the employees of the Contractor for all intents and purposes and the persons so deployed shall remain under the control and supervision of the Contractor.</p>
15.	<p><b>The Contractor shall be solely responsible for payment of wages/salaries, allowances, weekly rest, bonus etc. to their personnel as per the rules or act applicable under government</b></p>

	<b>orders.</b> All central, state, local laws & by laws applicable, will be observed by the Contractor and Central University of Rajasthan will be kept indemnified of such payables, by the Contractor.
16.	For performing the assigned works, the Contractor shall deploy mentally and physically fit persons (preferably below the age of 50 years). The Contractor shall ensure that the persons are punctual and disciplined and remain vigilant in performance of their duties. Persons so engaged by the Contractor, shall be properly trained observing high integrity and good conduct, and shall be conversant in the local language i.e. "Hindi". In no circumstances, persons below the age of 18 years shall be engaged by the agency/contractor.
17.	The Contractor shall make payment of wages to the workers engaged by him/her, by the stipulated date (before 7th of every month) irrespective of any delay in settlement of it's bills by the CURaj for whatever reason. The Contractor shall at his own cost take necessary insurance cover in respect of the aforesaid services rendered to Central University of Rajasthan and shall comply with the statutory provisions of Contract Labour (Regulation & Abolition) Act, 1970; Employees State Insurance Act; Workman's Compensation Act, 1923; Payment of Wages Act, 1936; The Employees Provident Fund (and Miscellaneous Provisions) Act, 1952; Payment of Bonus Act, 1965; The Minimum Wages Act, 1948; Employer's Liability Act, 1938; and/or any other rules/ regulations and/ or statutes that may be applicable to them. The Contractor shall indemnify the University against all claims which may be made upon the University whether under the aforesaid statutes or any other statute in force during the currency of this contract.
18.	The Contractor shall deploy his persons in such a way that they get weekly rest. The working hours / leave, for which the work is taken from them, do not violate relevant provisions of Govt. of India. The Contractor shall arrange to provide reliever equally qualified in case of absence/leave/off etc. The Contractor shall in all dealings with the persons in his employment have due regards to all recognized festivals, days of rest and religious or other customs. In the event of the Contractor committing a default or breach of any of the provisions of the Labour Laws including the provisions of Contract Labour (Regulation and Abolition) Act, 1970 as amended from time to time or in furnishing any information, or submitting or filling any statement under the provisions of the said regulations and rules which is materially incorrect, he shall without prejudice to any other liability pay to the Registrar, Central University of Rajasthan, a sum as claimed by Registrar, Central University of Rajasthan.
19.	Without taking prior approval from the Engineer-In-Charge, no fittings/ materials will be removed/ altered for the purpose of repairs.
20.	Any unauthorized person (or visitor) shall not be allowed to come inside the electrical substations without the approval of Engineer-In-Charge or any other authorized representative of the University. Staff deployed at the Central University of Rajasthan shall get the temporary ID card and which shall be available with the concern at the time of duty. For the purpose of proper identification of the employees of the Contractor, deployed for the work, the Contractor shall issue identity cards bearing their photographs, identification etc.

21.	Engineer-In-Charge, Central University of Rajasthan shall be at liberty to carry out surprise checks of the persons as deployed by the Contractor in order to ensure that persons deployed by him are doing their duties.
22.	The Contractor shall ensure that the persons so deployed do not allow any property of the Central University of Rajasthan to be taken out of the premises without a Gate Pass issued by the University.
23.	Saturday/Sundays/Holidays should be utilized primarily for the maintenance purposes, where shutdown is required, with prior approval of the Engineer-In-Charge of Central University of Rajasthan.
24.	Round the clock watch and ward of the equipment installed in electric sub-station buildings shall be the Contractor's responsibility and any loss or damage to the equipment shall have to be made good/ repaired/ replaced as per the original standards/ specification of the department, by the Contractor at his own cost and nothing extra shall be paid by the department.
25.	<p>No any transportation facility will be provided by the Central University of Rajasthan. However the office/store space will be provided by Central University of Rajasthan after receiving the Contractor's request.</p> <p>During the visit of service personnel of agency/contractor, if there is power failure/no electricity due to grid/distribution failure, then the down time shall be calculated based upon the actual site conditions. The stipulated time frame will be computed from the time of complaint lodged by CURAJ with the agency/contractor. In case the complaint is lodged after 03.00 pm, the computation of time will begin from 09.30 am next working day. Also the closed holidays of CURAJ will be excluded while computing the time frame unless the Bidder is granted prior permission and instructed to work on such holidays in exigencies. Delays not attributable to selected bidder shall be considered for exclusion for the purpose of computing compensation for delay or liquidated damages as applicable.</p>
26.	<p><b><u>SUSPENSION:</u></b> The Central University of Rajasthan may give written notice of suspension to the Contractor, suspend all payments to Contractor hereunder if the later fails to perform any of it's obligation under this contract, including carrying out of the services provided that such notice of suspension (i) shall specify the nature of the failure and (ii) request the Contractor to remedy such failure within the period not exceeding fifteen (15) days, after such notice of suspension.</p>
27.	<p><b><u>TERMINATION:</u></b> - The Central University of Rajasthan may terminate the contract by giving not less than 30 days written notice to the agency/contractor, on occurrence of any event specified below:</p> <ol style="list-style-type: none"> <li>a) If the Contractor fails to remedy a failure in the performance of their obligations.</li> <li>b) If the Contractor fails to comply with any final decision reached as a result of arbitration proceedings.</li> <li>c) If the Central University of Rajasthan, in it's sole discretion and for any reason whatsoever,</li> </ol>

	<p>decides to terminate this contract.</p> <p>d) If the Contractor, in the judgment of the Central University of Rajasthan has engaged in corrupt or fraudulent practices in executing the contract.</p> <p>e) In case the contract is terminated, the balance amount of fee if any , paid earlier (advance) shall be paid back by the Contractor to Central University of Rajasthan within thirty days of termination letter, failing to which, the same shall be recovered by encashing the existing performance security deposit/guarantee submitted by Contractor.</p>
28.	<p>Contractor shall keep the Central University of Rajasthan indemnified against all claims whatsoever in respect of the employees deployed by the Contractor, in case any employee of the Contractor so deployed enters in dispute of any nature whatsoever, it will be the primary responsibility of the Contractor to contest the same. In case Central University of Rajasthan is made party and is supposed to contest the case, the Central University of Rajasthan will be reimbursed for the actual expenses incurred towards Counsel fee and other expenses, which shall be paid in advance by the Contractor to CURaj on demand. Further, the Contractor shall ensure that no financial or any other liability comes on Central University of Rajasthan in this respect and shall keep Central University of Rajasthan indemnified in this respect.</p>
29.	<p>The Central University of Rajasthan reserves right to curtail or enhance the scope of work either by deletion of certain items entirely or by reducing/ increasing the quantities of certain items as required and reviewed by the University from time to time.</p>
30.	<p>In the event of any query, dispute/ difference arising under the agreement or in connection herewith (except as to matters the decision of which is specially provided under the agreement) the same shall be referred to the sole arbitration by the Registrar, Central University of Rajasthan &amp; his decision will be final and binding to the Contractor.</p>
31.	<p>The Arbitrator may give interim awards and/or directions, as may be required, subject to the aforesaid provisions the Arbitrator &amp; Conciliation Act, 1996 and the rules made hereunder and any modification thereof from time to time being in force shall be deemed to apply to the arbitration proceedings under this clause.</p>
32.	<p><b>JURISDICTION:</b> Disputes of any nature that may arise in connection with the execution of this order shall be governed by the laws of India and subject to the jurisdiction of courts situated in Ajmer/Jaipur only.</p>
33.	<p>Contractor will ensure all preventive measures, guidelines, instructions issued by the Govt. of India, State Government and University from time to time. For security purposes and for breaking the chain of transmission of COVID-19, social distancing, sanitization and other preventive measures will be conducted as a sense of responsibility of the contractor.</p>

## SCOPE OF WORK & CONDITIONS OF CONTRACT

### Details of Schedule of Works:

Schedule No.	Name of Schedule	Estimated Cost (in Rs.)	Remarks
Schedule-01	Non-Comp. annual operation of 04 Nos. 11/0.433 kV ESS, 05 Nos. DG Sets, Overhead & Underground HT/LT Electric Lines and 02 Nos. Pump Houses and Day to Day Electrical Maintenance of various Buildings at CURAJ.	1,07,88,476/-	All items are mandatory.
Schedule-02	AMC of 04 Nos. 11/0.433 kV Electric Sub-Station.	14,71,812/-	All items are mandatory. Specialized E&M Work.
Schedule-03	Annual Servicing and Repairing of 05 Nos. Diesel-Generator Sets.	6,84,361/-	Part 01 & Part 03 are mandatory. Part 02 to be executed as per the requirement. Specialized E&M Work.
Schedule-04	AMC of Underground and Overhead Electric Lines at CURAJ.	4,50,604/-	Item No. 04 is mandatory, rest all items are to be executed as per the requirement.
Schedule-05	Annual Servicing and Repairing of fans, motors & pumps.	9,69,520/-	All items are to be executed as per the requirement.
Schedule-06	Annual Procurement of Electrical Goods and Works (CPWD DSR Items).	10,00,000/-	All items are to be executed as per the requirement.
Schedule-07	Annual Procurement of Non-CPWD DSR Electrical Items.	8,77,633/-	All items are to be executed as per the requirement.
Schedule-08	Comprehensive AMC of Online UPS(s) (40 Nos.).	2,82,347/-	All items are mandatory.
Schedule-09	Annual Servicing and Repairing of Water Coolers (86 Nos.).	3,42,757/-	All items are to be executed as per the requirement.
Schedule-10	Comprehensive Annual Maintenance Contract of Ductable/VRV-VRF/Cassate type Air-Conditioners installed at important location as VC Secretariat, NAAC Room, Seminar Hall of 4A-5 Academic Building and NMR Lab at 4A-4 Academic Building.	4,72,236/-	All items are mandatory. New CMC of items covered under warranty/existing CMC are to be carried out after expiry of such warranty/ existing CMC period.
Schedule-11	Annual Servicing and Repairing of Split and Tower type Air-Conditioners.	20,78,472/-	All items are to be executed as per the requirement.
Schedule-12	Annual Maintenance Contract of Air Ducting (ETAC) System (B-3 Hostel, B-4 Hostel and Mega Mess).	5,83,973/-	Item No. 01 is mandatory, rest all items are to be executed as per the requirement.

## SCHEDULE No - 01

**Name of Schedule: Non-Comprehensive Annual Operation of 04 Nos. 11/0.433 kV ESS, 05 Nos. DG Sets, Overhead & Underground HT/LT Electric Lines and 02 Nos. Pump Houses and Day to Day Electrical Maintenance of Various Buildings of Central University of Rajasthan.**

1. Under this schedule, the agency/contractor has to carry out the Non-Comprehensive Annual Operation of 04 Nos. 11/0.433 kV ESS, 05 Nos. DG Sets, Overhead & Underground HT/LT Electric Lines and 02 Nos. Pump Houses and Day to Day Electrical Maintenance of Various Buildings of Central University of Rajasthan.
2. For the purpose, the agency/contractor has to depute the trained electrical men power in respective fields in adequate quantity as required on site. Description of men power:

<b>Sr. No</b>	<b>Manpower</b>	<b>Category</b>	<b>Minimum Qualification and Experience</b>	<b>Duties</b>
1	Electrical Supervisor(s)	Highly Skilled	1) Diploma in Electrical Engineering with minimum three years relevant working experience. OR ITI in Electrician Trade with minimum five years relevant experience. 2) Basic knowledge of Computer applications (MS office).  Note: Candidate having valid Electrical Supervisor License should be preferred. (Here relevant experience means experience in Electrical O&M Works upto 33kV substations and allied equipment etc.)	Overall supervision of electrical works in general shift and as per the requirement along with a mobile phone & valid sim card.
2	Power House Operators	Skilled	ITI in electrician/wireman trade with minimum three years relevant working experience.	24*7 manning in shifts at each 11/0.433 kV ESS including Sundays and Holidays to ensure operation of 04 Nos. ESS and 05 Nos. DG Sets and Overhead & Underground HT/LT Electric Lines etc.
3	Wiremen	Skilled	ITI in electrician/wireman trade	Day to Day Electrical

			with minimum three years relevant working experience.	Maintenance on 24*7 basis including Sundays and Holidays of 60,000 plus electric light and power points, allied electrical fittings & fixtures, lights, fans, wiring, road lights, panels etc. installed in various buildings and playgrounds of the University Campus along with one mobile phone & valid sim card.
4	Pump House Operators	Skilled	ITI in electrician/wireman trade with minimum three years relevant working experience.	Operation of motors & pumps and associated valves etc. twice a day or as per the requirement including Sundays and Holidays at Pump House No-01 & 02.
5	Khalasi	Unskilled	10 <sup>th</sup> Pass with exposure to the electrical works.	Assist the wiremen during the works etc.

- 3) The agency/contractor must has to submit the details of all deputed men power along with necessary documents and police verification report within 15 days from the date of issue of LoA. If any new man power is introduced/placed in mid contract, in that case, the agency/contractor also has to submit all above details of new man power before the deployment.
- 4) All the deputed manpower shall work in the uniform duly prescribed by the University and cost of the same shall be borne by the agency/contractor. Details of uniform are as under:
  - Male- Sky blue shirt & dark blue pants, dark blue sweater (in winters), black leather notches belt and black leather formal lace shoes, name plate (name & designation).
  - Female- Sky blue saree/salwar & kameez, dark blue sweater (in winters), black sandals/shoes, name plate (name & designation)
  - Uniform includes: Shirt (02nos.) + Pant (02nos.) + Saree/Salwar & Kameez (02 set) + Winter Sweater (01no.) + Sandle/Shoes (01 pair) + Belt (01 no.)+ Name plate (1 no.).
- 5) The agency/contractor has to provide one mobile phone with a valid sim card to the Electrical Supervisor and one mobile phone with a valid sim card to the on duty Wireman to contact in case of any breakdown/emergency. The cost of the same shall be borne by the agency/contractor.
- 6) In case of misconduct/misbehavior made by the men power / staff deputed by the agency/contractor with any staff/officer of the University, a suitable action must be taken against those person(s) immediately by the agency/contractor under intimation to the University.

- 7) In case of any electrical fault/breakdown, the Electrical Supervisor shall have to be available on site within half an hour, therefore it is advised that the residence of Electrical Supervisor should be nearby the University Campus.
- 8) The agency/contractor shall be responsible for general maintenance of E&M equipment, identification of faults/breakdowns occurred at ESS, DG Sets, UG/OH Electric Lines and Pump Houses, rectification of faults/breakdowns (if minor in nature) and timely submission of reports to the University.
- 9) The agency/contractor shall be responsible for preparation & maintenance of all records, log-books, duty rosters, muster rolls, breakdown reports etc. and timely submission to the EIC as and when required.
- 10) The agency/contractor shall be responsible for liasoning with local authorities/bodies in case of foreign faults/breakdowns, shutdowns, DG Set fuel collection etc.
- 11) The agency/contractor shall be responsible for housekeeping of all 04 Nos. 11/0.433 kV ESS and 02 Nos. Pump Houses at CURaj Campus, which includes LT panel rooms, HT panel rooms, Transformer rooms, Store rooms, Engineer's office, DG Set area and Utility area etc. All materials and consumables for housekeeping work are in the scope of contractor. This shall also include sweeping, mopping, cleaning of cobwebs, disposal of scrap/garbage generated during contract period etc. All required materials for housekeeping like broom, cobweb broom, mop, bucket, soap, detergents, phenyl, etc. shall be arranged by the Contractor. No rags and waste etc. shall be thrown near the building. This shall be deposited in the dustbins provided nearby, as per directions of EIC.
- 12) The agency/contractor has to carry out the electrical works in accordance with the latest Rules & Specifications IE, BIS, CPWD and any other central govt. agency/body constituted in this regard.
- 13) The agency/contractor shall have to follow the rules & regulations of the Central Labour Commissioner © in all respects and he/she shall be sole responsible in this regard.
- 14) The agency/contractor should quote the rates after visiting the site.
- 15) The agency/contractor shall depute the men power in adequate quantity as per the site requirement and cost of all shall be borne by the agency/contractor.
- 16) Electrical maintenance material for the works under scheduled item no-02 and fuel for the operation of DG Sets shall be provided by the University free of cost as per the requirement.
- 17) The agency/contractor shall observe strictly all the directions/orders issued by the CLC (C), GOI and amended time to time in respect of deputed men power.
- 18) The quoted rates shall be inclusive of prevailing minimum statutory wages, ESI, PF and bonus etc. as per orders of the CLC (C), GOI and amended time to time throughout the contract.
- 19) The quoted rates shall also be inclusive of all local taxes, duties, tools & plants, consumables (like stationary for records, logbooks, insulation tapes, cotton cloths, nut-bolts, lugs of all types, anti-rust/corrosion sprays, housekeeping material, sundry etc. as per the requirement) labour, service/overhead charges etc.
- 20) Suitable space to the agency/contractor will be provided by the University to establish it's office & stores for the purpose.
- 21) Residential facilities for men power of the agency/contractor may be provided by the University as per prevailing norms and terms & conditions of the University, on written request of agency/contractor, subject to availability.



22) Safety and Security of all the electrical installations, stores, records etc. at all four 11/0.433 kV substations and two pump houses (01 & 02) shall be the responsibility of agency/contractor, failing to which; suitable action shall be taken up by the University along with necessary recoveries.

**23) Penalty Clause :**

- a) In case of non-availability of required & declared men power on duty due to any reason, the agency/contractor shall have to make suitable alternative arrangements immediately well in time, so that the assigned works may not get affected on site, failing to which, a penalty of Rs. 500/- per day shall be imposed and recovered from the RA Bills. In case of such repeated discrepancies, the university authorities may take suitable action against the agency/contractor, as it deems fit under the rules.
- b) During inspection of Engineer-In-Charge or his representative, if the housekeeping work of Electric Sub-Stations and Pump Houses are found unsatisfactory, then a penalty of Rs. 100/- per day shall be imposed and recovered from the RA Bills. In case of such repeated discrepancies, the university authorities may take suitable action against the agency/contractor, as it deems fit under the rules.
- c) In case of minor electric breakdown/faults in the University Campus (which do not require additional expenditure), the power supply must be restored within six (06) hours, failing to which, after that a penalty of Rs. 1,000/- per hour shall be imposed and recovered from the RA Bills of the agency/contractor. The detailed report of the incident shall also be submitted to the EIC at the earliest.

In case of major/specific electric breakdown/fault in the University Campus (which require additional expenditure), the agency/contractor should submit the detailed inspection report along with cost estimate for repair works to the EIC, so that necessary action may be initiated in order to restore the power supply.

- d) Compensation for delay: Applicable with rate 2% (two percent) per month of delay to be computed on per day basis based on quantum of damage suffered due to stated delay on the part of Contractor. Provided that the total amount of compensation for delay to be paid under this condition shall not exceed 10 % of the accepted Tendered/Work Order Value of work; applicable on letter of indents for works.
- e) If the work is not completed as per the complaint/work order, then the University may get it done from any other contractor/agency in case of urgency, at the quoted rates of the new contractor/agency without giving any notice to that effect and the expenditure thus made shall be recovered from the contractor's bill/deposit.

## SCHEDULE No-02

### **Name of Schedule: Annual Maintenance Contract of 04 Nos. 11/0.433 kV Electric Sub-Stations at Central University of Rajasthan.**

1. The AMC work of 04 Nos. 11/0.433 kV Electric Sub-Stations at Central University of Rajasthan shall be carried out through OEM/Authorized Service Agents of OEM only, being the specialized work.
2. For the purpose, the agency/contractor shall have to execute MOU as per Annexure – IX with OEM / Authorized Service Agent of OEM in case of E&M Works (Non-Comprehensive Maintenance of ESS) within 15 days from date of award of LoA. Only on receipt and verification of the MOU, the University shall award the work.
3. In case of Non-Submission or Partial Submission of MOU, the work shall not be awarded and EMD shall be forfeited. The agency shall also be suspended for 02 years for bidding at CURAJ from the date of issue of suspension letter.
4. All the works shall be carried out as per CPWD General Specifications for Electrical Works, Part-I (Internal)-2013, Part-II (External)- 2005, Sub-Station Part IV-2013 & DG Sets Part- VII and should also comply with relevant provisions of the Indian Electricity Rules /Acts as applicable, amended up to date.
5. For the items which are not covered under CPWD Specifications, special conditions of Indian Electricity Rules/ CEA norms/B.I.S. specifications shall apply. In this regard, decision of the Engineer-In-Charge shall be final. Wherever any reference is made of any Indian Standard, it shall be taken as reference to the latest edition with all amendments / revisions issued thereto up to date.
6. The work is to be carried out as per standard practice and directions of EIC.
7. No any charge shall be payable by the department on account of consumables, tools, plants, all type of labour cost, sundry material and general inspection/breakdown call visits of OEM / Authorized Service Agent of OEM etc. as required on site.
8. All T&P as and when required for repairs or checking, shall be arranged by the contractor and nothing extra shall be paid on this account.
9. The defect liability period shall be as per general terms & conditions of the contract. Any defect arising in the work during guarantee/warranty period due to faulty workmanship and faulty material(s), will be rectified by the contractor at his own cost.
10. There shall be quarterly general health checkup visits of all four 11/0.433 kV ESS (minimum once in three months) and unlimited breakdown call visits by the service engineer (s) of OEM / ASA of OEM throughout the contract as per scheduled item no-01. The service engineer(s) of OEM / ASA of OEM shall inspect the Electric Sub-Stations thoroughly and carryout all the checks & minor R&M Works as required and recommended by the OEM and as per directions of Engineer-In-Charge and also submit the report(s) complete in all respects as per standard practice to the EIC at each occasion.
11. The substation and all other E&M installations are critical and will be functioning round o'clock, 365 days in a year on all holidays and Sundays. The contractor shall have to take care of exigencies that may be encountered promptly.
12. The maintenance of ESS shall be uninterrupted service, if any breakdown is attributed on part of the contractor/agency, suitable recoveries shall be made as per decision of Engineer-In-Charge.

13. Contractor shall ensure that, emergency spare parts are available on site readily for attending the minor breakdowns.
14. In case of any major breakdown/fault, the agency/contractor has to submit the detailed inspection report(s) along with cost estimate for repair works. The major repair works and replacement of any type of spare parts/component is not covered under this contract and the cost of such major repair/replacement works shall be borne by the University and these works shall only be executed after getting indent of work / approval of the EIC.
15. Utmost Care should be taken so that the system does not lead to major breakdown and in case the system goes into fault, it should be rectified within the shortest time period.
16. The agency/contractor shall be responsible for preparation & maintenance of all records, break down reports etc. and timely submission to the EIC as and when required.
17. Indicative list of E&M Installations at four 11/0.433 kV ESS is as under:

Sr. No.	Description of Item	T/Qty	Unit
1	HT VCB 11 KV		
1.1	Each upto 800A Amp. Capacity (Make- Schneider, CG)	15	Nos
1.2	Each 1250 Amp. Capacity (Make- Schneider, CG Lucy)	10	Nos
2	LT ACB		
2.1	Each upto 1000 Amp. Capacity (Make-L&T, Schneider)	30	Nos
2.2	Each upto 1001-2000 Amp. Capacity (Make-L&T, Schneider)	40	Nos
2.3	Each upto 2001-3200 Amp. Capacity (Make-L&T, Schneider)	15	Nos
3	Relays (feeder protection relay, master trip relay, trafo fault relay, O/V relay, Current Protection relay, E/F relay, APFC relay, etc.) on HT/LT panels.	110	Nos
4	MF Meters (Make-L&T, Schneider)	149	Nos
5	Electric Panels		
5.1	L.T. panel	100	Nos
5.2	H.T. panel	25	Nos
5.3	APFC Panel	20	Nos
5.4	Battery Charging Panel	4	Nos
6	Earthing Systems/Pits	40	Nos
7	Transformers		
7.1	1000 kVA, make-CG, Indoor type	2	Nos
7.2	1000 kVA, make-Kirloskar Electric. Indoor type	1	Nos
7.3	2000 kVA, make-Kirloskar Electric, Indoor type	4	Nos
7.4	100 kVA, make- Indian Transformer, Outdoor type	1	Nos

**18. Defect Liability Period:**

- a) Minimum 06 months for all repair works under this schedule, applicable from the date of completion of such works.
- b) Minimum 12 months for procurement of E&M Works under this schedule, applicable from the date of completion of such works.

**19. Penalty Clause :**

- a) In case of minor electric breakdown/faults in the E&M equipment of the 11/0.433 kV Electric Sub-Stations (which do not require additional expenditure), the issue must be resolved and power supply be restored within six (06) hours of call/sms/email etc., failing to which, after that a penalty of Rs. 1,000/- per hour shall be imposed and recovered from the RA Bills of the agency/contractor. The detailed report of the incident shall also be submitted to the EIC at the earliest.

In case of major electric breakdown/faults in the E&M equipment of the 11/0.433 kV Electric Sub-Stations (which require additional expenditure), the agency/contractor should submit the detailed inspection report along with the cost estimate for repair/replacement works to the EIC, so that necessary action may be initiated in order to restore the power supply.

- b) Compensation for delay: Applicable with rate 2% (two percent) per month of delay to be computed on per day basis based on quantum of damage suffered due to stated delay on the part of Contractor. Provided that the total amount of compensation for delay to be paid under this condition shall not exceed 10 % of the accepted Tendered/Work Order Value of work; applicable on letter of indents for works.
- c) If the work is not completed as per the complaint/work order, then the University may get it done from any other contractor/agency in case of urgency, at the quoted rates of the new contractor/agency without giving any notice to that effect and the expenditure thus made shall be recovered from the contractor's bill/deposit.

### SCHEDULE No-03

**Name of Schedule: Annual Servicing and Repairing of 05 Nos. Diesel-Generator Sets Installed at Central University of Rajasthan.**

1. Under this schedule, the agency/contractor has to carry out the Annual Servicing and Repairing of 05 Nos. Diesel-Generator Sets Installed at Central University of Rajasthan. Details of DG Sets are as under:

Sr. No.	Description	Location	Qty	Unit
1	250 KVA DG Set, Make – Kirloskar Model No. 6SL8800TA	ESS No.01	1	each
2	250 KVA DG Set, Make – Cummins Model No. 25775463	Auditorium	1	each
3	380 KVA DG Set, Make – Cummins Model No. 25398033	ESS No. 20.7	1	each
4	500 KVA DG Set, Make – Cummins Model No. 25417171	ESS No. 19.1	1	each
5	500 KVA DG Set, Make – Cummins Model No. 25416790	ESS No. 19.2	1	each

2. Annual Servicing and Repairing of 05 Nos. Diesel-Generator Sets Installed at Central University of Rajasthan shall be carried out through OEM/Authorized Service Agents of OEM only, being the specialized work.
3. For the purpose, the agency/contractor shall have to execute MOU as per Annexure – IX with OEM / Authorized Service Agent of OEM in case of E&M Works within 15 days from date of award of LoA. Only on receipt and verification of the MOU, the University shall award the work.
4. In case of Non-Submission or Partial Submission of MOU, the work shall not be awarded and EMD shall be forfeited. The agency shall also be suspended for 02 years for bidding at CURAJ from the date of issue of suspension letter.
5. This schedule comprises three parts:
- Part-01: Servicing of DG Sets complete with diesel engines, alternators, control panels along with associated accessories, which includes general checking/inspection of all DG Sets on quarterly basis, attending unlimited breakdown calls, minor repair works and preventive maintenance including all checks (B, C, D), replacement of filters, lub. oil, coolant etc. as recommended by respective OEM as per standard practice and directions of Engineer-in-Charge. This work includes all taxes, duties, labour, consumables, tools & plants, sundry etc. as required on site and excludes all major repair works and replacement of any type of spare part/component.
  - Part-02: Replacement of Spare Parts of DG Sets includes dismantling of faulty spare part(s), installation of new part, testing & commissioning etc. complete in all respects as per standard practice and directions of Engineer-In-Charge. This includes charges for duties, labour, consumables, tools & plants, sundry etc. as required on site and GST as applicable shall be paid separately for this part.

When the parts are required to be replaced, in these cases, the agency/contractor should submit the detailed inspection report along with cost estimate for replacement works, to the EIC, so that necessary action may be initiated.

The works under this part shall only be executed after getting the indent of work / approval of the EIC. The defect liability period shall be as per general terms & conditions of the contract. Any defect arising in the work during guarantee/warranty period due to faulty workmanship and faulty material(s), will be rectified by the contractor at his own cost.

- **Part-03:** Auction of used/waste DG Set lubricating oil inclusive of all taxes, freight, loading & unloading charges. It shall be the responsibility of contractor/agency to dispose the collected lubricating oil with the agency/contractors having permission of collection/disposal/recycle/storage of waste/used oil as per CPCB/SPCB/Water and Air (Prevention & Control of Pollution) Act.
6. These DG Sets are comprised with Batteries, DG Set Control Panels with associated Air Washers, Coil Coolers, Fuel Tanks, Fuel & Water Piping, Axial Flow Fan and Alternators.
  7. Annual Servicing and Repairing of 05 Nos. Diesel-Generator Sets shall be carried out as per the prescribed guidelines of respective Original Equipment Manufacturer (OEM) which are Cummins and / Kirloskar; and CPWD Specifications for D.G Sets 2013, Part VII, amended time to time.
  8. The work is to be carried out to the entire satisfaction of the Engineer-In-Charge and his authorized representatives.
  9. No any charge shall be payable by the department on account of consumables, tools, plants, all type of labour cost, sundry material and general inspection/breakdown call visits of OEM / Authorized Service Agent of OEM etc. as required on site.
  10. All T&P as and when required for repairs or checking shall be arranged by the contractor/agency and nothing extra shall be paid on this account.
  11. **There shall be quarterly general health checkup visits of all 05 Nos. Diesel-Generator Sets and unlimited breakdown call visits by the service engineer (s) of OEM / ASA of OEM throughout the contract. The service engineer(s) of OEM / ASA of OEM shall inspect the Diesel-Generator Sets thoroughly and carryout all the checks & minor R&M Works as required and recommended by the OEM and as per directions of Engineer-In-Charge and also submit the report(s) complete in all respects as per standard practice to the EIC at each occasion.**
  12. The DG Sets and allied E&M installations are critical. The contractor shall have to take care of exigencies that may be encountered promptly.
  13. The servicing and repairing of DG Sets shall be uninterrupted service, if any breakdown is attributed on part of the contractor/agency, suitable recoveries shall be made as per decision of Engineer-In-Charge.
  14. Contractor shall ensure that, emergency spare parts are available on site readily for attending the minor breakdowns.
  15. Utmost Care should be taken so that the system does not lead to major breakdown and in case the system goes into fault, it should be rectified within the shortest time period.
  16. The agency/contractor shall be responsible for the safety of his staff. The agency shall display the contact number in the Generator Room for making contact in case of any emergency.
  17. The agency/contractor has to carry out annual servicing and repairing work of Diesel-Generator Sets as per standard check list of respective OEM and as briefed hereunder:

- 17.1 General checkup & preventive maintenance and to fill up preventive checkup schedule for each machine.
- a) Check lube oil level and conditioning of lube. Oil, top up/refill if required.
  - b) The oil filters shall be replaced whenever oil is changed.
  - c) The air filters shall be cleaned periodically with compressed air, check batteries and top up the distilled water if required.
  - d) Check functioning of changing alternator.
  - e) Engine safety viz. high water temperature gauge, oil pressure gauge, oil temperature gauge and high speed gauge shall be checked for their functions and repaired/ replaced if required.
  - f) Coolant level and conditioning of coolant shall be checked and refilled if required.
  - g) The governor shall be checked and tuned for proper functioning
  - h) Check for leaks if any and shall be rectified.
  - i) Check reports shall be submitted every month/every breakdown calls.
  - j) Check fan and alternator drive belts and tightened if required.
- 17.2 Maintenance of Engine Panel /PCC, Alternator will be covered in AMC.
- 17.3 The AMC includes replacement of minor parts like Hoses, all type of filters, all type of oils, all types of coolant, Seal, O ring, gasket rocker lever covers etc. consumables as and when required.
- 17.4 Train the customer's representative on Operation and maintenance of DG Set.
- 17.5 To intimate customer on engine repairs and overhaul requirement based on engine performance parameters.
- 17.6 Replacement of all filters, refilling of engine oils, checking of all nuts and bolts tightness correction of engine alternator alignment in case of complete Genset contract and replacement of rubber insert/block if broken to be carried out.
- 17.7 Checking and servicing of engine for smooth running, its unusual sound and color of smoke and exhaust and set it right in case of deviations.
- 17.8 Checking, repairing and attending leakage of fuel, lubricating oil and coolant. Top-up/refill of the same whenever required.
- 17.9 Cleaning and changing of Air filters as per requirement.
- 17.10 Setting of Valves tappets whenever required.
- 17.11 Checking and repairing of accessories drive, Turbo Charger and crankshaft endplay whenever required.
- 17.12 Checking of alignment and alignment of Engine and Alternator as per requirement.
- 17.13 Checking of throttle control and its setting.
- 17.14 Checking of instrument panel including replacement as and when required.
- 17.15 Checking of rotating diodes/rectifier assembly in brushless alternator including replacement as and when required.
- 17.16 Checking of all electrical connections/wiring for their proper tightness including charging alternators, battery clamps and repairing/replacement as and when required.
- 17.17 Repair and Maintenance of Replays including contractors in control panel.
- 17.18 Checking of Battery specific gravity every month and the acid level once in three months and top and with distilled water if required. (Applicable for lead acid Battery only). Output voltage check and condition check to be carried out in SMF

- type battery. Also includes De-Sulphating & greasing of battery.
- 17.19 Checking charging alternator output voltage with respect to specifications. Diagnosis of faults in engine and Alternator and its rectification.
  - 17.20 The agency/contractor shall arrange genuine spares of diesel engine, alternator and AMF panel as and when required.
  - 17.21 The engine shall be run on load or at available load and should be checked for any leakage and abnormal noise. If any such abnormality shall be diagnosed and remedial action shall be taken.
  - 17.22 Providing a spare AVR, self-starter and accessories, free of charge if the repair/replacement are expected to be taken in more than 3 days.
  - 17.23 Supply and replacement of following parts during B Check Service (Every 300 hrs. of engine operation / 6 months whichever is earlier) (i) Fuel filter (ii) lubricating oil filter (iii) by pass filter (iv) coolant (v) Air-filters.
18. **This schedule excludes all major repair works like top/major overhauling/ PT pump & injection calibration/ replacement of major parts/ rewinding of alternator/ alternator bearing greasing, repair of heat exchanger, repairs & rewinding of various pump-motor sets & axel flow fans. In these cases, the agency/contractor should submit the detailed inspection report along with cost estimate to the EIC, so that necessary action may be initiated. Such major repair works shall only be executed only after getting the indent of work / approval of the EIC.**
19. If the service engineer is required on any particular date and time in the University, then it will be intimated to the agency/contractor in advance.
  20. The agency/contractor shall be responsible for preparation & maintenance of all records, breakdown reports etc. and timely submission to the EIC as and when required.
  21. Corrective actions, suggestions/recommendations to improve the performance of the Engines and all respective installations under contract, should be recorded and implemented by the Service Engineer during every visit at site.
  22. The works shall be carried out as per CPWD Specification/GCC, wherever applicable and as directed by Engineer-In-Charge or his authorized representative. Wherever any reference to Indian Standard Specifications occurs in the documents relating to this contract, the same shall be inclusive of all amendments issued thereto or revisions thereof if any, up to the date of receipt of tenders.
  23. The contractor shall be fully responsible for rectifying the defect/fault under defect liability period. The decision of Engineer-In-Charge in this regard shall be final & binding.
  24. All the Workers and Service Engineers of the agency/contractor visiting at the University Campus for repair and maintenance of DG Sets shall be dressed properly. All the safety measures like rubber gloves, safety shoes, helmet etc. shall be taken care by the agency/contractor while working on DG Sets.
  25. The contractor shall take all precautions for the safety of the workmen. If any accident/mishap occurs, the department shall not be responsible for the same. Consequently any compensation payable shall be at the cost of contractor/agency.
  26. If the work is carried out in more than one shifts or during night to meet out the time period of completion or in accordance with availability of working area, then nothing extra shall be paid on



this account. The contractor has to work in accordance with programme, time schedule, as directed by Engineer-In-Charge.

27. The contractor shall indemnify and hold Central University of Rajasthan harmless from and against all claims, damages, losses and expenses arising out or resulting from the works or services provided under this contract.
28. The contractor is not allowed to construct any hut for its workers inside the campus. No cooking or lodging shall be allowed in premises of the University.

**29. Defect Liability Period:**

- a) Minimum 06 months for all repair works under this schedule, applicable from the date of completion of such works.
- b) Minimum 12 months for procurement of E&M Works under this schedule, applicable from the date of completion of such works.

**30. Penalty Clause :**

- a) In case of minor breakdown/fault in the DG Sets (which do not require additional expenditure), the issue must be resolved and power supply be restored through DG Set within six (06) hours of call/sms/email etc., failing to which, after that a penalty of Rs. 1,000/- per hour shall be imposed and recovered from the RA Bills of the agency/contractor. The detailed report of the incident shall also be submitted to the EIC at the earliest.  
In case of major electric breakdown/fault (which require additional expenditure), the agency/contractor should submit the detailed inspection report along with the cost estimate for repair/replacement works to the EIC, so that necessary action may be initiated.
- b) Compensation for delay: Applicable with rate 2% (two percent) per month of delay to be computed on per day basis based on quantum of damage suffered due to stated delay on the part of Contractor. Provided that the total amount of compensation for delay to be paid under this condition shall not exceed 10 % of the accepted Tendered/Work Order Value of work; applicable on letter of indents for works.
- c) If the work is not completed as per the complaint/work order, then the University may get it done from any other contractor/agency in case of urgency, at the quoted rates of the new contractor/agency without giving any notice to that effect and the expenditure thus made shall be recovered from the contractor's bill/deposit.

## SCHEDULE No-04

### **Name of Schedule: AMC of Underground and Overhead Electric Lines at CURaj.**

1. Under this schedule, the agency/contractor has to carry out the maintenance of Underground and Overhead Electric Lines at CURaj.
2. In case of maintenance of Overhead Electric Lines, the agency/contractor has to prepare a schedule and carry out such works before the start of summer season preferably.
3. The defect liability period shall be as per general terms & conditions of the contract. Any defect arising in the work during guarantee period due to faulty workmanship and faulty material(s), will be rectified by the contractor at his own cost.
4. The works are to be carried out as per standard practice and directions of EIC.
5. No any charge shall be payable by the department on account of material, consumables, tools, plants, fault detection machines, transportation, all type of labour cost, sundry material etc. as required on site.
6. The work shall be carried out by the contractor within prescribed period after giving the requirement (work order/indent of work) by the University.
7. **Defect Liability Period:** Minimum 06 months, applicable from the date of completion of such works.
8. **Penalty Clause:**
  - a) Compensation for delay: Applicable with rate 2% (two percent) per month of delay to be computed on per day basis based on quantum of damage suffered due to stated delay on the part of Contractor. Provided that the total amount of compensation for delay to be paid under this condition shall not exceed 10 % of the accepted Tendered/Work Order Value of work; applicable on letter of indents for works.
  - b) If the work is not completed as per the schedule of supply/work order. The University may get it done from any other contractor/agency/contractor in case of urgency, at the quoted rates of the new contractor/agency/contractor without giving any notice to that effect, and the expenditure thus made shall be recovered from the contractor's bill/deposit.

## SCHEDULE No-05

### **Name of Schedule: Annual Servicing and Repairing of fans, motors & pumps installed at CURaj.**

1. Under this schedule, the agency/contractor has to carry out the Annual Servicing and Repairing of all types of fans, motors & pumps installed at CURaj.
2. In case of preventive maintenance/servicing of fans, the agency/contractor has to prepare a schedule and carry out such works before the start of summer season preferably.
3. The defect liability period shall be as per general terms & conditions of the contract. Any defect arising in the work during guarantee period due to faulty workmanship and faulty material(s), will be rectified by the contractor at his own cost.
4. The works are to be carried out as per standard practice, CPWD Specifications and directions of EIC.
5. No any charge shall be payable by the department on account of material, consumables, tools, plants, fault detection machines, transportation, dismantling, installation, all type of labour, sundry material etc. as required.
6. The work shall be carried out by the contractor/agency within prescribed time period after giving the requirement (work order/indent of work) by the University.
7. The machines, which are not serviceable by the agency / beyond economical repair due to obsolescence of technology or non-availability of parts / components / assemblies, will be withdrawn from the maintenance contract. The decision of engineer in charge regarding non-availability and obsolescence of technology will be final. Withdrawal of such machine will be communicated to the agency and equivalent charges shall not be payable to the contractor.
8. The machines which are to be taken to the Service Station/Workshop for repairs etc., the prior permission is to be taken from the EIC. CURaj will not pay any charges for transportation & labour etc. The agency shall be responsible for any damage occurred /loss of any government property owing to negligence on his or his representative's part while repairing or taken for repair to the workshop.
9. Any damage or loss caused to connected equipment or their parts due to negligence/mishandling by the agency/contractor's staff, shall be made good by the contractor either by payment as per the prevailing market rate of that item or by a new replacement of the same/higher make and specifications.
10. Cancellation of Contract: In cases of poor workmanship and non-compliance of tender/agreement terms & conditions or services provided by the contractor found unsatisfactory, the contract may be terminated by the department by giving 10 day's notice, even before the expiry of the contract period and security deposit shall be forfeited without assigning any reason what so ever.
11. The contractor or his representative should not remove, disturb, and dislocate the existing equipment and it's parts from it's positions until and unless it is authorized by the Engineer-in-Charge.
12. Transportation of machines from office buildings to the contractor's workshop, from one building to another and from contractor's workshop to the office buildings, will be at the cost of the contractor.
13. The Contractor should maintain the log books which include number of services provided during contract period with dates and parts of equipment got repaired or replaced as per standard practice.

14. The Contractor should maintain register indicating details of equipment being maintained and details of rooms/ offices/ department/ locations where they are installed with proper model number, make, capacity and necessary details.
15. All the safety measures like rubber gloves, safety shoes, helmet etc. shall be taken care by the agency/contractor while working.
16. The contractor shall take all precautions for safety of the workmen. If any accident/mishap occurs, the department shall not be responsible for the same. Consequently any compensation payable shall be at the contractor's cost.
17. If the work is carried out in more than one shifts or during night to meet the time period of completion or in accordance with availability of working area, nothing extra shall be paid on this account. The contractor has to work in accordance with the programme, time schedule as directed by Engineer-In-Charge.
18. The contractor shall indemnify and hold Central University of Rajasthan harmless from and against all claims, damages, losses and expenses arising out of, or resulting from the works or services provided under this contract.
19. **Defect Liability Period:** Minimum 06 months, applicable from the date of completion of such works.
20. **Penalty Clause :**
  - a) Compensation for delay: Applicable with rate 2% (two percent) per month of delay to be computed on per day basis based on quantum of damage suffered due to stated delay on the part of Contractor. Provided that the total amount of compensation for delay to be paid under this condition shall not exceed 10 % of the accepted Tendered/Work Order Value of work; applicable on letter of indents for works.
  - b) If the work is not completed as per work order, then the University may get it done from any other contractor/agency in case of urgency, at the quoted rates of the new contractor/agency without giving any notice to that effect and the expenditure thus made shall be recovered from the contractor's bill/deposit.

## SCHEDULE No-06

### Name of Schedule: Annual Procurement of Electrical Goods and Works (CPWD DSR Items) at CURaj.

1. Under this schedule, the agency/contractor has to supply/execute the Electrical Goods and Works (CPWD DSR Items) at CURaj Campus.
2. The agency/contractor has to supply/execute the Electrical Goods and Works (CPWD DSR Items) at CURaj Campus as per CPWD Specifications of Electrical Works with up to date correction slips.
3. The electrical goods shall be supplied at the Central Stores, CURaj alongwith delivery challan and required necessary documents etc.
4. The material should be of reputed brands, factory fabricated and tested wherever available from manufacturers. A list of approved makes of various electrical items is enclosed herewith as Annexure-VIII.
5. The defect liability period shall be as per general terms & conditions of the contract.
6. The percentage (%) quoted by the agency/contractor in this schedule includes all the factors over and above DSR Rates like cost of material, labour, GST, transportation, loading, unloading, cartage, wastage, contractor's overhead & profit etc. complete in all respects.
7. The works are to be carried out as per standard practice, CPWD Specifications and directions of EIC.
8. The work shall be carried out by the contractor/agency within prescribed period after giving the requirement (work order/indent of work) by the University.
9. **Defect Liability Period:** Minimum 12 months for procurement of Electrical Material/Goods and Works under this schedule, applicable from the date of supply of Electrical Material/Goods at Central Stores of Central University of Rajasthan in good condition and completion of Electrical Works respectively.
10. **Penalty Clause :**
  - a) Liquidated Damages: Applicable with rate 2% (two percent) per month of delay to be computed on per day basis based on quantum of damage suffered due to stated delay on the part of Contractor. Provided that the total amount of compensation for delay to be paid under this condition shall not exceed 10 % of the accepted Tendered/Work Order Value of work.
  - b) If the work is not completed as per purchase/work order, then the University may get it done from any other contractor/agency in case of urgency, at the quoted rates of the new contractor/agency without giving any notice to that effect and the expenditure thus made shall be recovered from the contractor's bill/deposit.

## SCHEDULE No-07

### Name of Schedule: Annual Procurement of Non-CPWD DSR Electrical Items at CURaj.

1. Under this schedule, the agency/contractor has to supply the Electrical Goods (Non-CPWD DSR Electrical Items) at CURaj Campus.
2. The agency/contractor has to supply the Electrical Goods (Non-CPWD DSR Electrical Items) as per CPWD Specifications with up to date correction slips at Central Stores, CURaj Campus alongwith delivery challan and required necessary documents etc.
3. The material should be of reputed brands, factory fabricated and tested wherever available from manufacturers. A list of approved makes of various electrical items is enclosed herewith as Annexure-VIII.
4. The rates quoted by the agency/contractor include all the factors like cost of material, labour, transportation, loading, unloading, cartage, wastage, contractor's overhead & profit etc. complete in all respects.
5. The defect liability period shall be as per general terms & conditions of the contract.
6. The works are to be carried out as per standard practice, CPWD Manuals and directions of EIC.
7. The work shall be carried out by the contractor/agency within prescribed period after giving the requirement (work order/indent of work) by the University.
8. **Defect Liability Period:** Minimum 12 months for procurement of Electrical Material/Goods under this schedule, applicable from the date of supply at Central Stores of Central University of Rajasthan in good condition.
9. **Penalty Clause :**
  - a) Liquidated Damages: Applicable with rate 2% (two percent) per month of delay to be computed on per day basis based on quantum of damage suffered due to stated delay on the part of Contractor. Provided that the total amount of compensation for delay to be paid under this condition shall not exceed 10 % of the accepted Tendered/Work Order Value of work.
  - b) If the work is not completed as per purchase order, then the University may get it done from any other contractor/agency in case of urgency, at the quoted rates of the new contractor/agency without giving any notice to that effect and the expenditure thus made shall be recovered from the contractor's bill/deposit.

### **SCHEDULE No-08**

**Name of Schedule: Comprehensive AMC of Online UPS(s) installed at CURaj.**

1. Under this schedule, the agency/contractor has to carry out the Comprehensive AMC Work of Online UPS(s) installed in various buildings of CURaj.
2. An indicative list of available online UPS is as under:

S. No.	Description of Item	Qty	Unit
1	1 KVA Online UPS	14	each
2	2 KVA Online UPS	5	each
3	3 KVA Online UPS	3	each
4	5-7.5 KVA Online UPS	8	each
5	10 KVA Online UPS	2	each
6	15 KVA Online UPS	1	each
7	20-30 KVA Online UPS	5	each
8	40 KVA Online UPS	2	each
	Total	40	each

Note: CURaj reserves the right to increase or decrease the quantities of contracted items any time during the currency of the contract. Accordingly, charges would be increased/ decreased on the pro-rata basis. Makes of Online UPS installed at site are: Luminous, BPE, Uniline, APC etc.

3. Payment Clause:
  - a) No advance payment shall be made in any case. The payment of Comprehensive AMC of Online UPS(s) will be released on quarterly basis after satisfactory completion of work and submission of reports and invoice for the period.
  - b) Any payment received in excess, will have to be refunded by the agency/contractor to CURAJ in the event of termination of contract.
  - c) Payment for any deviated quantity will be calculated on pro-rata basis.
  - d) The payment for last quarter of the contract period will be released after satisfactory take over by the next incoming CMC provider/CURAJ. The cost of all defective parts/components of the systems found defective/non-functional by the next incoming CMC provider shall be borne by the old agency/contractor, which may be adjusted from the payment of the last quarter of the contract period and security deposit, if required.
4. This is Comprehensive AMC and shall include repair/replacement of all spare parts, sub-assemblies and connecting electrical wires etc. The agency/contractor shall use good quality spare parts, preferably of the same brand as available in the original system.

5. All the consumable articles/parts such as material required for cleaning of equipment and machinery, repair/replacement of spare parts and maintenance will be provided by the service provider at no extra charge.
6. CMC price will not include battery replacement. However, Batteries should be maintained so as to give full voltage to the UPS.
7. The contract shall also include shifting/re-installation of Online UPS System(s) along with batteries and other accessories with in the Campus as per the requirement of University and to update the installed UPS if required, without any extra charge.
8. Breakdown Calls – The UPS should be attended within stipulated time as and when the fault is reported.
9. The cost of all the spares that are repaired/replaced in the online UPS system, will be covered under the CMC. The old parts removed from the online UPS will become the property of agency/contractor.
10. The CMC of all the Online UPS shall be carried out as per the prescribed guidelines of respective Original Equipment Manufacturer / Authorized Service Agent of OEM.
11. Any damage or loss caused to the Online UPS(s) or their parts during repair work; due to negligence, miss-handling by the contractor, shall be borne by the agency/contractor, either by paying the prevailing market price of that item(s) or buy a new one in the name of CURAJ (from OEM) of the same make and same or better specifications.
12. The agency/contractor shall use genuine/original components for replacement wherever needed. All parts shall be procured from the Authorized Resellers of Original equipment Manufacturer (O.E.M) Company. CURAJ may insist the agency/contractor to provide a copy of invoice to ensure that only genuine spare parts are procured from authorized Resellers.
13. All the repairs and servicing of equipment shall be carried out on site at the place where it is located. All necessary tools and consumables like H.R.C fuses, super fuses, worn out parts, broken parts and other replaceable parts etc. shall be borne fully by the contractor. In the event of any damage of any part/equipment of the UPS, the same will be replaced by the contractor at his own cost and UPS will be kept in fully operational state all times during the contract period.
14. The agency/contractor has to provide details of authorized technical persons viz. designation, email address, telephone/mobile no. etc., who will carry out the maintenance work and attend the breakdown calls.
15. Preventive Maintenance:
  - a) The service personnel of agency/contractor will visit the installation sites on quarterly basis for general checkup of all Online UPS(s) and submit the reports to the EIC as per standard practice.
  - b) The agency/contractor shall be responsible for preventive and corrective maintenance of all Online UPS(s) covered under the contract. Preventive Maintenance will include cleaning and servicing of the peripherals, replacement of worn-out parts, perform thorough dusting and vacuuming of all cabinet interiors, run all UPS diagnosis and correct the problems, clean and tighten all power connections at input and output terminals, at all circuit breakers and at all terminal posts and fuses on the rectifier and inverter legs, check all power cables for abrasions and burn spots, checking the general performance of Online UPS Systems. Visual Checks of



- components for signs of overheating, swelling, leaking etc. Visually check the printed circuit board alignments etc.
16. The reports of preventive maintenance, preventive maintenance register/file shall be submitted to the EIC. The quarterly payment shall strictly be made on the basis of satisfactory reports as endorsed by User/Site-In-Charge.
  17. Apart from the preventive maintenance visits, any breakdown calls in between emanating from the user will also be attended to without any additional charge.
  18. The complaints/breakdown calls will be lodged by the CURAJ with the agency/contractor through Email/SMS/Telephone/Mobile Phone etc.
  19. As far as possible, the repairs would be carried out on-site itself. Necessary tools/plants for service/maintenance will be brought/ kept by the Service Engineer of agency/contractor while attending the failures. However all necessary assistance for providing electricity point needed in connection with testing (at the location of equipment) shall be provided by CURAJ. In case the equipment is required to be taken to the workshop, all arrangements shall be made by the agency/contractor. Necessary Gate Pass for taking the equipment(s) outside the University Campus, shall be issued by the University. The agency/contractor should ensure to deliver the equipment back to the University functional at their own cost and risk after getting it repaired promptly. The original unit should be repaired & returned to the University within a period of one month, failing to which, a penalty applicable with rate 2% (two percent) per month of delay to be computed on per day basis based on unit CMC charges as contracted, shall be levied, limited upto 10% of the unit CMC charges, the same shall be deducted from the RA bills or Performance Security deposited by the Contractor (if required).
  20. During the visit of service personnel of agency/contractor, if there is power failure/no electricity due to grid/distribution failure, then the down time shall be calculated based upon the actual site conditions. The stipulated time frame will be computed from the time of complaint lodged by CURAJ with the agency/contractor. In case the complaint is lodged after 03.00 pm, the computation of time will begin from 09.30 am next working day. Also the closed holidays of CURAJ will be excluded while computing the time frame unless the Bidder is granted prior permission and instructed to work on such holidays in exigencies. Delays not attributable to selected bidder shall be considered for exclusion for the purpose of computing liquidated damages.
  21. The agency/contractor before commencing the CMC, may inspect all the items to ensure that systems to be put under this CMC are in sound working condition. Initial cost of defective parts/components of the systems found defective/non-functional shall be borne by CURAJ, before these are handed over to the agency/contractor for CMC. Once the contract is entered/signed between CURAJ and the Bidder, no further cost towards such replacement of defective/work-out parts will be given to the contractor, except CMC charges.
  22. It shall be the responsibility of the agency/contractor to maintain the Online UPS(s) in working condition throughout the contract period and to hand over the same in working condition to the new tenderer/CURAJ after expiry of the contract.

23. The Systems that are not serviceable/repairable by the agency due to complete damage / obsolescence of technology or non-availability of parts/assemblies/components will be withdrawn from the maintenance contract. The decision of CURAJ in this regard will be final. Withdrawal of such systems shall be intimated to the agency and unit CMC charges shall be deducted proportionately.
24. The Total of the Rates quoted in the price bid will be considered only for the purpose of determination of L1 Bidder for each schedule; however the actual payment to the Bidder will be computed on the basis of the rate quoted in the price bid for the respective item per annum. The number of items covered under CMC may decrease or increase during the period of contract, in which case the payment will be made on pro rata basis.
25. If the University is not satisfied with the performance of the agency/contractor, the contract may be terminated before completion of CMC period by giving one month notice to the agency/contractor. The decision of the University will be final. Consequential damages and losses arising out due to faulty maintenance/service/repair, will be recovered from the contractor at the time of payment of bills.
26. All the workers and engineers of the Agency visiting at the University Campus for repair and maintenance of Online UPS will be dressed properly. All the safety measures like rubber gloves, safety shoes, helmet etc. shall be taken care of by the agency/contractor while working.
27. The contractor shall take all precautions for the safety of the workmen. If any accident/mishap occurs, the department shall not be responsible for the same. Consequently any compensation payable shall be at the contractor's cost.
28. If the work is carried out in more than one shift or during night to meet the time period of completion or in accordance with availability of working area, nothing extra shall be paid on this account. The contractor has to work in accordance with the programme, time schedule and as directed by Engineer-In-Charge.
29. The contractor shall indemnify and hold Central University of Rajasthan harmless from and against all claims, damages, losses and expenses arising out of, or resulting from the works or services provided under this contract.
30. The contractor is not allowed to construct any huts for its workers inside the campus. No cooking or lodging shall be allowed in premises of the University.
31. All T & P as and when required for repairs or checking shall be arranged by the contractor and nothing extra shall be paid on this account.
32. The defect liability period shall be as per general terms & conditions of the contract.
33. The works are to be carried out as per standard practice and directions of EIC.

**34. Defect Liability Period:**

- a) Minimum 06 months for all repair works under this schedule, applicable from the date of completion of such works.
- b) Minimum 12 months for procurement of E&M Works under this schedule, applicable from the date of completion of such works

**35. Penalty Clause:**

- a) In case of minor breakdown/fault in the Online UPS, the issue must be resolved within 03 days of call/sms/email etc., failing to which, after that a penalty of Rs. 500/- per day per UPS shall be imposed and recovered from the RA Bills of the agency/contractor. The detailed report of the incident shall also be submitted to the EIC at the earliest.
- b) In case of major breakdown/fault in the Online UPS, the issue must be resolved within 07 days of call/sms/email etc., failing to which, after that a penalty of Rs. 500/- per day per UPS shall be imposed and recovered from the RA Bills of the agency/contractor. The detailed report of the incident shall also be submitted to the EIC at the earliest.
- c) Compensation for delay: Applicable with rate 2% (two percent) per month of delay to be computed on per day basis based on quantum of damage suffered due to stated delay on the part of Contractor. Provided that the total amount of compensation for delay to be paid under this condition shall not exceed 10 % of the accepted Tendered/Work Order Value of work; applicable on letter of indents for works.
- d) If the work is not completed as per the complaint/work order, then the University may get it done from any other contractor/agency in case of urgency, at the quoted rates of the new contractor/agency without giving any notice to that effect and the expenditure thus made shall be recovered from the contractor's bill/deposit.

## SCHEDULE No-09

### **Name of Schedule: Annual Servicing and Repairing of Water Coolers installed at CURaj.**

1. Under this schedule, the agency/contractor has to carry out the Annual Servicing and Repairing of Water Coolers installed in various buildings of CURaj.
2. As a preventive measure, the agency/contractor has to inspect all the water coolers and submit the detailed reports along with estimated cost, so that necessary service & repair works may be get done before the start of summer season preferably.
3. In case of breakdown, the agency/contractor has to inspect the faulty water cooler(s) and submit the detailed reports, so that necessary service & repair works may be get done well in time.
4. For inspection of water coolers, the agency/contractor has to depute the competent technical persons in adequate quantity and no any charges for the same shall be paid by the University to the contractor/agency irrespective of number of visits.
5. The agency/contractor shall carry out the required service & repair works within prescribed time period, after giving the requirement (work order/indent of work) by the University.
6. The agency/contractor shall use the parts & material of IS and reputed brands/OEM.
7. Indicated quantity of water coolers is 86 Nos. of Make-Sidwal, Voltas, Usha etc.
8. The defect liability period shall be as per general terms & conditions of the contract. Any defect arising in the work during guarantee/guarranty period due to faulty workmanship and faulty material(s), will be rectified by the contractor at his own cost.
9. The works are to be carried out as per standard practice, CPWD Manuals and directions of EIC.
10. No any charge shall be payable by the department on account of material, consumables, tools, plants, transportation, all type of labour, sundry material, visits of technician/service engineer etc. as required on site.
11. The Water Coolers, which are not serviceable by the agency / beyond economical repair due to obsolescence of technology or non-availability of parts / components / assemblies, will be withdrawn from the maintenance contract. The decision of engineer in charge regarding non-availability and obsolescence of technology will be final. Withdrawal of such Water Coolers shall be communicated to the agency and equivalent charges shall not be payable to the contractor.
12. In case, Water Cooler is to be taken to the Service Station/Workshop for repairs etc., the prior permission is to be taken from the EIC. CURAJ will not pay any charges for transportation & labour etc. The agency shall be responsible for any damage occurred /loss of any government property owing to negligence on his or his representative's part while repairing or taken for repair to the workshop.
13. Any damage or loss caused to connected equipment or their parts due to negligence/mishandling by the agency/contractor's staff, shall be made good by the contractor either by payment as per the prevailing market rate of that item or by a new replacement of the same/higher make and specifications.
14. The agency/contractor shall submit the details of technical staff deputed at CURaj for service & repair of Water Coolers along with their contact numbers.
15. Cancellation of Contract: In cases of poor workmanship and non-compliance of tender/agreement terms & conditions or services provided by the contractor are not found to be satisfactory, the contract may be terminated by the department by giving 10 day's notice even before the expiry of the contract period and security deposit shall be forfeited without assigning any reason what so ever.

16. The contractor or his representative should not remove, disturb, and dislocate the existing equipment and its parts from its positions until and unless it is authorized by the Engineer-in-Charge.
17. Transportation of Water Coolers from office buildings to the contractor's workshop, from one building to another and from contractor's workshop to the office buildings, will be at the cost of the contractor.
18. The Contractor should maintain the log books which include number of services provided during contract period with dates and parts of equipment got repaired or replaced as per standard practice.
19. The Contractor should maintain register indicating details of equipment being maintained and details of rooms/ offices/ department/ locations where they are installed with proper model number, make, capacity and necessary details.
20. All the workers and engineers of the agency visiting the University Campus for service and repair of Water Coolers should be well dressed and hold a valid I-Card of the agency/agency/contractor. All the safety measures like rubber gloves, safety shoes, helmet etc. shall be taken care by the agency/contractor while working on site.
21. The contractor shall take all precautions for safety of the workmen. If any accident/mishap occurs, the department shall not be responsible for the same. Consequently any compensation payable shall be at the contractor's cost.
22. If the work is carried out in more than one shifts or during night to meet the time period of completion or in accordance with availability of working area, nothing extra shall be paid on this account. The contractor has to work in accordance with the programme, time schedule as directed by Engineer-In-Charge.
23. The contractor shall indemnify and hold Central University of Rajasthan harmless from and against all claims, damages, losses and expenses arising out of, or resulting from the works or services provided under this contract.
24. **Defect Liability Period:** Minimum 12 months for all repair works & procurement of E&M Works under this schedule, applicable from the date of completion of such works.
25. **Penalty Clause :**
  - a) In case of breakdown/fault in the water cooler, the agency/contractor has to inspect the same and submit the reports along with estimated cost within 03 days of lodging the complaint through email/sms/telephone etc., failing to which, a penalty of Rs. 100/- per day per water cooler shall be imposed and recovered from the RA Bills of the agency/contractor.
  - b) Compensation for delay: Applicable with rate 2% (two percent) per month of delay to be computed on per day basis based on quantum of damage suffered due to stated delay on the part of Contractor. Provided that the total amount of compensation for delay to be paid under this condition shall not exceed 10 % of the accepted Tendered/Work Order Value of work; applicable on letter of indents for works.
  - c) If the work is not completed as per the complaint/work order, then the University may get it done from any other contractor/agency in case of urgency, at the quoted rates of the new contractor/agency without giving any notice to that effect and the expenditure thus made shall be recovered from the contractor's bill/deposit.

**SCHEDULE No-10**

**Name of Schedule: Comprehensive Annual Maintenance Contract of Ductable/VRV-VRF/Cassate type Air-Conditioners Installed at Central University of Rajasthan.**

1. Under this schedule, the agency/contractor has to carry out the Comprehensive AMC Work of Ductable/VRV-VRF/Cassate type Air-Conditioners installed in various buildings of CURaj.
2. Brief description of available Ductable/VRV-VRF/Cassate type Air-Conditioners is as under:

Sr. No.	Description	Qty.	Unit	Location
1	Inverter technology based scroll compressor(s) 40 HP VRV/VRF type Air Conditioning Systems complete. Make: Hitachi	02	each	VC Secretariat, Admin Building, CURaj.
2	11.0 TR capacity Ductable Air conditioning units with Scroll Compressor with R 410 A Refrigerant, vibration isolators etc. complete. Make: Hitachi	04	each	Seminar Hall, 2nd Floor, A5 Academic Building, CURaj.
3	5.5 TR capacity Ductable Air conditioning units with Scroll Compressor, R 410 A Refrigerant, vibration isolators etc. complete. Make: Carrier	03	each	NMR Lab, A4 Building, CURaj.
4	Ceiling-mounted 3.0 TR Cassette Air Conditioning units complete. Make: Bluestar	03	each	NAAC Room, Admin Building, CURaj.

Note: CURaj reserves the right to increase or decrease the quantities of contracted items any time during the currency of contract. Accordingly, charges would be increased/ decreased on the pro-rata basis.

3. Payment Clause:
  - a) No advance payment shall be made in any case. The payment of Comprehensive AMC of Ductable/VRV-VRF/Cassate type Air-Conditioners will be released on quarterly basis after satisfactory completion of work and submission of reports and invoice for the period.
  - b) Any payment received in excess, will have to be refunded by the agency/contractor to CURAJ in the event of termination of contract.
  - c) Payment for any deviated quantity will be calculated on pro-rata basis.
  - d) The payment for last quarter of the contract period will be released after satisfactory take over by the next incoming CMC provider/CURAJ. The cost of all defective parts/components of the systems found defective/non-functional by the next incoming CMC provider shall be borne by the old agency/contractor, which may be adjusted from the payment of the last quarter of the contract period and security deposit, if required.
4. **This is a Comprehensive AMC and shall include general inspection & servicing on quarterly basis, all repair & replacement of spare parts of indoor & outdoor units such as compressors, heat exchangers, refrigerant circuits, microprocessor based controllers, filters, vibration**

**isolators, safety devices, oil recovery systems, remote control units, refrigerant pipes of all sizes, electric cables, control cables, drain pipes, insulation, connecting ducts, sub-assemblies, blower motors, condenser cooling fan motors, sensors, PCBs, flare nuts, voltage stabilizers, reversing valves and green refrigerant charging etc. complete in all respects as required on site as per standard practice, OEM guidelines, CPWD Manuals and directions of EIC.**

5. The agency/contractor shall use good quality spare parts, preferably of the same brand as available in the original system.
6. All the consumable articles/parts such as material required for cleaning of equipment and machinery, repair/replacement of spare parts and maintenance will be provided by the service provider at no extra charge.
7. Breakdown Calls – The Ductable/VRV-VRF/Cassate type Air-Conditioners should be attended within stipulated time as and when the fault is reported.
8. The cost of general inspection & servicing, all the spares that are repaired/replaced in the Ductable/VRV-VRF/Cassate type Air-Conditioners will be covered under the CMC. The old parts removed from the Ductable/VRV-VRF/Cassate type Air-Conditioners will become the property of agency/contractor.
9. The CMC of all the Ductable/VRV-VRF/Cassate type Air-Conditioners shall be carried out as per the prescribed guidelines of respective Original Equipment Manufacturer / Authorized Service Agent of OEM.
10. Any damage or loss caused to the Ductable/VRV-VRF/Cassate type Air-Conditioners or their parts during repair work; due to negligence, miss-handling by the contractor, shall be borne by the agency/contractor, either by paying the prevailing market price of that item(s) or buy a new one in the name of CURAJ (from OEM) of the same make and same or better specifications.
11. The agency/contractor shall use genuine/original components for replacement wherever needed. All parts shall be procured from the Authorized Resellers of Original equipment Manufacturer (O.E.M) Company. CURAJ may insist the agency/contractor to provide a copy of invoice to ensure that only genuine spare parts are procured from authorized Resellers.
12. All the repairs and servicing of equipment shall be carried out on site at the place where it is located. All necessary tools and consumables, worn out parts, broken parts and other replaceable parts etc. shall be borne fully by the contractor. In the event of any damage of any part/equipment of the Ductable/VRV-VRF/Cassate type Air-Conditioners, the same will be replaced by the contractor at his own cost and Ductable/VRV-VRF/Cassate type Air-Conditioners will be kept in fully operational state all times during the contract period.
13. The agency/contractor has to provide details of authorized technical persons viz. designation, email address, telephone/mobile no. etc., who will carry out the maintenance work and attend the breakdown calls.
14. Preventive Maintenance:
  - a) The service personnel of agency/contractor will visit the installation sites on quarterly basis for general checkup of all Ductable/VRV-VRF/Cassate type Air-Conditioners and submit the reports to the EIC as per standard practice.
  - b) The agency/contractor shall be responsible for preventive and corrective maintenance of all Ductable/VRV-VRF/Cassate type Air-Conditioners covered under the contract. Preventive

Maintenance will include cleaning and servicing of the peripherals, replacement of worn-out parts, perform thorough dusting and vacuuming of all cabinet interiors, run all diagnosis and correct the problems, clean and tighten all power connections at input and output terminals, at all circuit breakers and at all terminal posts and fuses on the rectifier and inverter legs, check all power cables for abrasions and burn spots, checking the general performance of Online UPS Systems. Visual Checks of components for signs of overheating, swelling, leaking etc. Visually check the printed circuit board alignments etc.

15. The reports of preventive maintenance, preventive maintenance register/file shall be submitted to the EIC. The quarterly payment shall strictly be made on the basis of satisfactory reports as endorsed by User/Site-In-Charge.
16. Apart from the preventive maintenance visits, any breakdown calls in between emanating from the user will also be attended to without any additional charge.
17. The complaints/breakdown calls will be lodged by the CURAJ with the agency/contractor through Email/SMS/Telephone/Mobile Phone etc.
18. As far as possible, the repairs would be carried out on-site itself. Necessary tools/plants for service/maintenance will be brought/ kept by the Service Engineer of agency/contractor while attending the failures. However all necessary assistance for providing electricity point needed in connection with testing (at the location of equipment) and water point shall be provided by CURAJ. In case the equipment is required to be taken to the workshop, all arrangements shall be made by the agency/contractor. Necessary Gate Pass for taking the equipment(s) outside the University Campus, shall be issued by the University. The agency/contractor should ensure to deliver the equipment back to the University functional at their own cost and risk after getting it repaired promptly. The original unit should be repaired & returned to the University within a period of one month, failing to which, a penalty applicable with rate 2% (two percent) per month of delay to be computed on per day basis based on unit CMC charges as contracted, shall be levied, limited upto 10% of the unit CMC charges, the same shall be deducted from the RA bills or Performance Security deposited by the Contractor (if required).
19. During the visit of service personnel of agency/contractor, if there is power failure/no electricity due to grid/distribution failure, then the down time shall be calculated based upon the actual site conditions. The stipulated time frame will be computed from the time of complaint lodged by CURAJ with the agency/contractor. In case the complaint is lodged after 03.00 pm, the computation of time will begin from 09.30 am next working day. Also the closed holidays of CURAJ will be excluded while computing the time frame unless the Bidder is granted prior permission and instructed to work on such holidays in exigencies. Delays not attributable to selected bidder shall be considered for exclusion for the purpose of computing liquidated damages.
20. The agency/contractor before commencing the CMC, may inspect all the items to ensure that systems to be put under this CMC are in sound working condition. Initial cost of defective parts/components of the systems found defective/non-functional shall be borne by CURAJ, before these are handed over to the agency/contractor for CMC. Once the contract is entered/signed between CURAJ and the Bidder, no further cost towards such replacement of defective/worn-out parts will be given to the contractor, except CMC charges.



21. It shall be the responsibility of the agency/contractor to maintain the Ductable/VRV-VRF/Cassate type Air-Conditioners in working condition throughout the contract period and to hand over the same in working condition to the new tenderer/CURAJ after expiry of the contract.
22. The Systems that are not serviceable/repairable by the agency due to complete damage / obsolescence of technology or non-availability of parts/assemblies/components will be withdrawn from the maintenance contract. The decision of CURAJ in this regard will be final. Withdrawal of such systems shall be intimated to the agency and unit CMC charges shall be deducted proportionately.
23. The Total of the Rates quoted in the price bid will be considered only for the purpose of determination of L1 Bidder for each schedule; however the actual payment to the Bidder will be computed on the basis of the rate quoted in the price bid for the respective item per annum. The number of items covered under CMC may decrease or increase during the period of contract, in which case the payment will be made on pro rata basis.
24. If the University is not satisfied with the performance of the agency/contractor, the contract may be terminated before completion of CMC period by giving one month notice to the agency/contractor. The decision of the University will be final. Consequential damages and losses arising out due to faulty maintenance/service/repair, will be recovered from the contractor at the time of payment of bills.
25. All the workers and engineers of the Agency visiting at the University Campus for repair and maintenance of Online UPS will be dressed properly. All the safety measures like rubber gloves, safety shoes, helmet etc. shall be taken care of by the agency/contractor while working.
26. The contractor shall take all precautions for the safety of the workmen. If any accident/mishap occurs, the department shall not be responsible for the same. Consequently any compensation payable shall be at the contractor's cost.
27. If the work is carried out in more than one shift or during night to meet the time period of completion or in accordance with availability of working area, nothing extra shall be paid on this account. The contractor has to work in accordance with the programme, time schedule and as directed by Engineer-In-Charge.
28. The contractor shall indemnify and hold Central University of Rajasthan harmless from and against all claims, damages, losses and expenses arising out of, or resulting from the works or services provided under this contract.
29. The contractor is not allowed to construct any huts for its workers inside the campus. No cooking or lodging shall be allowed in premises of the University.
30. All T&P as and when required for repairs or checking shall be arranged by the contractor and nothing extra shall be paid on this account.
31. The defect liability period shall be as per general terms & conditions of the contract.

32. The works are to be carried out as per standard practice and directions of EIC.
33. **Defect Liability Period:** Minimum 12 months for all repair works & procurement of E&M Works under this schedule, applicable from the date of completion of such works.
34. **Penalty Clause:**
- a) In case of minor breakdown/fault in the Ductable/VRV-VRF/Cassate type Air-Conditioners, the issue must be resolved within 03 days of call/sms/email etc., failing to which, after that a penalty of Rs. 500/- per day per unit shall be imposed and recovered from the RA Bills of the agency/contractor. The detailed report of the incident shall also be submitted to the EIC at the earliest.
  - b) In case of major breakdown/fault in the Ductable/VRV-VRF/Cassate type Air-Conditioners, the issue must be resolved within 07 days of call/sms/email etc., failing to which, after that a penalty of Rs. 500/- per day per unit shall be imposed and recovered from the RA Bills of the agency/contractor. The detailed report of the incident shall also be submitted to the EIC at the earliest.
  - c) Compensation for delay: Applicable with rate 2% (two percent) per month of delay to be computed on per day basis based on quantum of damage suffered due to stated delay on the part of Contractor. Provided that the total amount of compensation for delay to be paid under this condition shall not exceed 10 % of the accepted Tendered/Work Order Value of work; applicable on letter of indents for works.
  - d) If the work is not completed as per the complaint/work order, then the University may get it done from any other contractor/agency in case of urgency, at the quoted rates of the new contractor/agency without giving any notice to that effect and the expenditure thus made shall be recovered from the contractor's bill/deposit.

## SCHEDULE No-11

### **Name of Schedule: Annual Servicing and Repairing of Split and Tower type Air-Conditioners Installed at Central University of Rajasthan.**

1. Under this schedule, the agency/contractor has to carry out the Annual Servicing and Repairing of Split and Tower type Air-Conditioners Installed in various buildings of Central University of Rajasthan.
2. In case of breakdown/fault in the Air-Conditioner(s), the agency/contractor has to inspect the faulty Air-Conditioners(s) and submit the detailed report(s) along with estimated cost, so that necessary service & repair work(s) may be get done well in time.
3. For inspection of Air-Conditioners, the agency/contractor has to depute the competent technical persons in adequate quantity and no any charges for the same shall be paid by the University to the contractor/agency irrespective of number of visits.
4. The agency/contractor shall carry out the required service & repair works within prescribed time period, after giving the requirement (work order/indent of work) by the University.
5. After satisfactory completion of service/repair works, the agency/contractor shall pate a service/repair slip on the air-conditioner duly signed by the technician with date.
6. The agency/contractor shall use the parts & material of IS and reputed brands/OEM.
7. Indicated quantity of Split type Air-Conditioners of 1.0 TR -2.0 TR capacity is about 400 nos. of makes - Hitachi, Mitsubishi, Mitsubishi Electric, LG, Voltas, Daikin etc. and Tower type Air-Conditioners of 3.0 TR-4.0 TR capacity is about 50 nos. of makes – Blue star, Carrier midea etc.
8. The defect liability period shall be as per general terms & conditions of the contract. Any defect arising in the work during guarantee/warranty period due to faulty workmanship and faulty material(s), will be rectified by the contractor at his own cost.
9. The works are to be carried out as per standard practice, CPWD Manuals and directions of EIC.
10. No any charge shall be paid by the department on account of material, consumables, tools, plants, transportation, all type of labour cost, sundry material, visits of technician/service engineer etc. as required on site.
11. The air conditioners, which are not serviceable by the agency / beyond economical repair due to obsolescence of technology or non-availability of parts / components / assemblies, will be withdrawn from the maintenance contract. The decision of engineer in charge regarding non-availability and obsolescence of technology will be final. Withdrawal of such air conditioners will be communicated to the agency and equivalent charges shall not be payable to the contractor.
12. In case, an AC is to be taken to the Service Station/Workshop for repairs etc., the prior permission is to be taken from the EIC. CURAJ will not pay any charges for transportation & labour etc. The agency shall be responsible for any damage occurred /loss of any government property owing to negligence on his or his representative's part while repairing or taken for repair to the workshop.
13. Any damage or loss caused to connected equipment or their parts due to negligence/mishandling by the agency/contractor's staff, shall be made good by the contractor either by payment as per the prevailing market rate of that item or by a new replacement of the same/higher make and specifications.
14. The agency/contractor shall submit the details of technical staff deputed at CURaj for service & repair of air-conditioners along with their contact numbers.

15. Cancellation of Contract: In cases of poor workmanship and non-compliance of tender/agreement terms & conditions or services provided by the contractor found unsatisfactory, the contract may be terminated by the department by giving 10 day's notice, even before the expiry of the contract period and security deposit shall be forfeited without assigning any reason what so ever.
16. The contractor or his representative should not remove, disturb, and dislocate the existing equipment and it's parts from it's positions until and unless it is authorized by the Engineer-in-Charge.
17. Transportation of Air-Conditioner Units from office buildings to the contractor's workshop, from one building to another and from contractor's workshop to the office buildings, will be at the cost of the contractor.
18. The Contractor should maintain the log books which include number of services provided during contract period with dates and parts of equipment got repaired or replaced as per standard practice.
19. The Contractor should maintain register indicating details of equipment being maintained and details of rooms/ offices/ department/ locations where they are installed with proper model number, make, capacity and necessary details.
20. All the workers and engineers of the agency visiting the University Campus for service and repair of Air Conditioners should be well dressed and hold a valid I-Card of the agency/agency/contractor. All the safety measures like rubber gloves, safety shoes, helmet etc. shall be taken care by the agency/contractor while working.
21. The contractor shall take all precautions for safety of the workmen. If any accident/mishap occurs, the department shall not be responsible for the same. Consequently any compensation payable shall be at the contractor's cost.
22. If the work is carried out in more than one shifts or during night to meet the time period of completion or in accordance with availability of working area, nothing extra shall be paid on this account. The contractor has to work in accordance with the programme, time schedule as directed by Engineer-In-Charge.
23. The contractor shall indemnify and hold Central University of Rajasthan harmless from and against all claims, damages, losses and expenses arising out of, or resulting from the works or services provided under this contract.
24. **Defect Liability Period:** Minimum 12 months for all repair works & procurement of E&M Works under this schedule, applicable from the date of completion of such works.
25. **Penalty Clause :**
  - a) In case of breakdown/fault in the Air-Conditioner(s), the agency/contractor has to inspect the same and submit the reports along with estimated cost within 03 day of lodging the complaint through email/sms/telephone etc., failing to which, a penalty of Rs. 100/- per day per AC shall be imposed and recovered from the RA Bills of the agency/contractor.
  - b) Compensation for delay: Applicable with rate 2% (two percent) per month of delay to be computed on per day basis based on quantum of damage suffered due to stated delay on the part of Contractor. Provided that the total amount of compensation for delay to be paid under this condition shall not exceed 10 % of the accepted Tendered/Work Order Value of work; applicable on letter of indents for works.
  - c) If the work is not completed as per the complaint/work order, then the University may get it done from any other contractor/agency in case of urgency, at the quoted rates of the new contractor/agency without giving any notice to that effect and the expenditure thus made shall be recovered from the contractor's bill/deposit.

## SCHEDULE No-12

### **Name of Schedule: Annual Maintenance Contract of Air Ducting (ETAC) System installed at Central University of Rajasthan.**

1. Under this schedule, the agency/contractor has to carry out the Annual Maintenance Contract Works of Air Ducting (ETAC) System installed in various buildings of Central University of Rajasthan.
2. Details of Air Ducting (ETAC) Systems installed at Central University of Rajasthan are as under:

Sr. No.	Location	Details	Qty.
i.	B3 Building	28000 CFM	2 Nos.
ii.	B4 Building	28000 CFM	2 Nos.
iii.	B3 Building Mess Area	4000 CFM	1 Nos.
iv.	B4 Building Mess Area	4000 CFM	1 Nos.
v.	Mega Mess	30000 CFM	2 Nos.
vi.	Mega Mess	10000 CFM	2 Nos.

3. The agency/contractor has to carry out the Non-Comprehensive AMC Work of Air Ducting (ETAC) Systems installed at Central University of Rajasthan as per scheduled item no-01 mandatorily. It will include the following:
  - a) Servicing of all units mentioned above including panels, blowers, motors & pumps and accessories etc. including minor repair works as required on site as per standard practice on quarterly basis.
  - b) General inspection and checking of all Units on quarterly basis.
  - c) Any breakdown call will be attended on all days i/c holidays and Sundays within 03 day of lodging the complaint through email/sms/telephone etc. and reports to be submitted to EIC. Nothing extra shall be paid to the agency/contractor in this regard irrespective of number of visits.
  - d) Repair of all electrical and mechanical parts found faulty due to normal wear and tear only, and excluding replacement of any spare part and repairing of motors, pumps, blowers etc., these works will be get done on chargeable basis.
  - e) Record & attending of unusual noise in equipment, vibrations / leakages in pumps & valves etc.
  - f) Schedule of checks as recommended by the OEM.
  - g) General Inspection - Check for damage especially to coil and filters, AHU pre-filters, air and water leakage, if any blockage, operating oil level and oil leakage in gearbox, Inspect basin for clogging, cleaning and checking of cooling tower and position, checks on pumps and chillers, Working of electric panel on auto mode and cleaning of carbon contents from parts, Checking belt tension & alignment of belt drive, Checking of difference in pressure and temperature between inlet and outlet of AHU's and suction & discharge pressure of pumps, Checking of protection devices installed including purge valves, check valve flapper section, fire dampers, adjustment of controlling dampers, fresh air etc., to suit the site conditions, Check for vibration in motor and blower.
  - h) Cleaning the system parts like wire mesh filter section, with suitable thickness cellulose pad section, and fan section with centrifugal fan etc. wherever required shall be done with suitable detergent / chemical solution and flushing with high-pressure jet of water.
  - i) Air balancing of all floors as per requirements.
  - j) Greasing of blower motors and all moving parts.
  - k) Prevention of rusting of units.

- e) Checking operation of control system of the system such as thermostat, relays, remote control etc.
  - f) Checking air flow through the supply air grill, return air grill, condenser.
  - g) Checking the operation of the drive motors and fans
  - h) Checking air temperature at supply air grill, return air grill, Inlet air condenser, outlet air from condenser
  - i) Checking all electrical parts and wiring and repair of such parts. Oiling of all the moving parts.
  - j) The servicing and maintenance shall be carried out without disturbing the normal functioning of the office/building.
  - k) The contractor shall be responsible for the good conduct and behavior of his employees. If any employee of the contractor is found misbehaving with the supervisory staff or any other staff member of the University, the contractor shall terminate the services of such employees at their own risk and responsibility, on the recommendation of the Engineer-In-Charge of the University.
  - l) In off season, during the lien period of winter, the contractor shall carry out all the preventive maintenance works in order to keep the equipment ready for use in the upcoming summer season.
4. In case of major breakdown/fault (which require additional expenditure), the agency/contractor shall submit the detailed inspection report along with the cost estimate for such repair/replacement works to the EIC, so that necessary action may be initiated. The agency/contractor should carry out the 'major works and the works scheduled on item no- 02 to 10' within prescribed time period, after giving the requirement (work order/indent of work) by the University.
  5. The agency/contractor has to depute the competent technical persons in adequate quantity for Annual Maintenance Contract Works of Air Ducting (ETAC) System and no any extra charges for the same shall be paid by the University to the contractor/agency irrespective of number of visits throughout the contract. The details of such technical staff deputed at CURaj, should also be provided along with their contact numbers.
  6. The agency/contractor shall use the parts & material of IS and reputed brands/OEM.
  7. The defect liability period shall be as per general terms & conditions of the contract. Any defect arising in the work during guarantee/warranty period due to faulty workmanship and faulty material(s), will be rectified by the contractor at his own cost.
  8. The works are to be carried out as per standard practice, CPWD Manuals and directions of EIC.
  9. No any charge shall be payable by the department on account of material, consumables, tools, plants, transportation, all type of labour, sundry material, visits of technician/service engineer etc. as required on site.
  10. The material required for replacement shall be of same or higher quality, manufacturer and specifications. The dismantled material shall be the property of the contractor.
  11. The items which are not serviceable by the agency/contractor beyond economical repair due to obsolescence of technology or non-availability of parts / components / assemblies will be withdrawn from the maintenance contract. The decision of Engineer In Charge regarding non-availability and obsolescence of technology will be final. Withdrawal of such item shall be communicated to the agency and equivalent charges shall be not be payable to the contractor.

12. In case, any item is to be taken to the Service Station/Workshop for repairs etc. the prior permission is to be taken from the Engineer In Charge. CURAJ will not pay any charges for transportation or labour etc.. The agency shall be responsible for any damage occurred /loss of any government property owing to negligence on his or his representative's part while repairing or taken for repair at workshop.
13. Any damage or loss caused to connected equipment or their parts due to negligence, mishandling shall be made good by the contractor either by payment in cash as per prevailing market rate of that item or by a new replacement of the same/higher make and specifications.
14. **Cancellation of Contract:** In cases of poor workmanship and non-compliance of tender/agreement terms & conditions or services provided by the contractor found unsatisfactory, the contract may be terminated by the department by giving 10 days notice even before the expiry of contract period and the security deposit shall be forfeited without assigning any reason what so ever.
15. Any damage resulting to the system on account of the negligence or mal- operation shall be made good by the contractor. Care shall also be taken by improper handling. Nothing extra will be paid for such works.
16. The contractor or his representative should not remove, disturb, and dislocate the existing equipment and its parts from its positions until and unless it is authorized by the Engineer-in – Charge.
17. Transportation of any Units from the office buildings to the contractor's workshop, from one building to another and from the contractor's workshop to the office buildings, will be at the cost of the contractor.
18. The Contractor should maintain the log books which include number of services provided during contract period with dates and part of equipment got repaired or replaced, with its proper model number and necessary details.
19. The Contractor should maintain register indicating details of equipment being maintained and details of rooms/ offices/ department/ locations where they are installed with proper model number, make, capacity and necessary details.
20. All the workers and engineers of the agency visiting the University Campus should be well dressed and hold a valid I-Card of the agency/agency/contractor. All the safety measures like rubber gloves, safety shoes, helmet etc. shall be taken care by the agency/contractor while working on site.
21. The contractor shall take all precautions for safety of his/her workmen. If any accident/mishap occurs, the department shall not be responsible for the same. Consequently any compensation payable shall be at the contractor's cost.
22. If the work is carried out in more than one shifts or during night to meet the time period of completion or in accordance with availability of working area, nothing extra shall be paid on this account. The contractor has to work in accordance with programme, time schedule as directed by Engineer-In-Charge.
23. The contractor shall indemnify and hold Central University of Rajasthan harmless from and against all claims, damages, losses and expenses arising out of, or resulting from the works or services provided under this contract.
24. **Defect Liability Period:**
  - a) Minimum 06 months for all repair works under this schedule, applicable from the date of completion of such works.
  - b) Minimum 12 months for procurement of E&M Works under this schedule, applicable from the date of completion of such works.
25. **Penalty Clause :**
  - a) In case of minor breakdown/fault in the ETAC System (which do not require additional expenditure), the issue must be resolved within 03 days of lodging the complaint through call/sms/email etc., failing

to which, after that a penalty of Rs. 500/- per day, per ETAC System shall be imposed and recovered from the RA Bills of the agency/contractor. The detailed report of the incident shall also be submitted to the EIC at the earliest.

In case of major breakdown/fault (which require additional expenditure), the agency/contractor shall submit the detailed inspection report along with the cost estimate for repair/replacement works to the EIC, so that necessary action may be initiated.

- b) Compensation for delay: Applicable with rate 2% (two percent) per month of delay to be computed on per day basis based on quantum of damage suffered due to stated delay on the part of Contractor. Provided that the total amount of compensation for delay to be paid under this condition shall not exceed 10 % of the accepted Tendered/Work Order Value of work; applicable on letter of indents for works.
- c) If the work is not completed as per the complaint/work order, then the University may get it done from any other contractor/agency in case of urgency, at the quoted rates of the new contractor/agency without giving any notice to that effect and the expenditure thus made shall be recovered from the contractor's bill/deposit.

Place:

Seal & Signature of Bidder:

Name:



## SPECIAL CONDITIONS OF CONTRACT

### {Special Conditions and Qualifications for Association of Specialized Agency (OEM or Authorized Service Agent of OEM or Sub-Contractor)}

**1. Association of Agencies for execution of Specialized E&M Works by the Composite Category Contractor (Through OEM or Authorized Service Agent of OEM only) -**

The main agency/contractor shall associate the OEM or Authorized Service Agent of OEM only for Specialized E&M Works which fulfill eligibility criteria as per CPWD Works Manual 2019 SOP No. 4/7(5) and amended upto last date of submission of tender. List of works/ items to be executed under this contract through OEM or Authorized Service Agent of OEM is as under:

Sr. No.	Name of Schedule	Estimated Cost	Remarks
1	Annual Maintenance Contract of 04 Nos. 11/0.433 kV Electric Sub-Stations at Central University of Rajasthan.	Rs. 14,71,812/-	OEM: Schneider Electrical and / L&T Electrical & Automation.
2	Annual Servicing and Repairing of 05 Nos. Diesel-Generator Sets Installed at Central University of Rajasthan.	Rs. 6,84,361/-	OEM: Cummins and / Kirloskar

**2. Association of Agencies for execution of HVAC and Online UPS AMC Works by the Composite Category Contractor -**

The main agency/contractor shall either himself meet the eligibility conditions for HVAC and Online UPS AMC Works as mentioned in Schedule No- 08, 09, 10, 11 &12 or otherwise, he/she will have to associate an specialized agency (OEM or Authorized Service Agent of OEM or Sub-Contractor) meeting the eligibility requirements as given in this tender document and submit the details required for association within 15 days of award of work OR before start of minor component of work whichever is earlier. Details of such works are as under:

Sr. No.	Name of Schedule	Estimated Cost	Remarks
1	Comprehensive AMC of Online UPS(s) installed at CURaj.	Rs. 2,82,347/-	Available Makes: Luminous, BPE, Uniline, APC etc.
2	Annual Servicing and Repairing of Water Coolers installed at CURaj.	Rs. 3,42,757/-	Available Makes: Sidwal, Voltas, Usha etc.
3	Comprehensive Annual Maintenance Contract of Ductable/VRV-VRF/Cassate type Air-Conditioners Installed at CURaj.	Rs. 4,72,236/-	Available Makes: Hitachi, Carrier, Bluestar.
4	Annual Servicing and Repairing of Split and Tower type Air-Conditioners Installed at Central University of Rajasthan.	Rs. 20,78,472/-	Available Makes: Hitachi, Mitsubishi, Mitsubishi Electric, LG, Voltas, Daikin, Blue star, Carrier midea etc.
5	Annual Maintenance Contract of Air Ducting (ETAC) System installed at Central University of Rajasthan.	Rs. 5,83,973/-	

3. The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum calculated from the date of completion to last date of submission of tender. For other conditions, refer special conditions specified in Part C.
4. The applicant shall either himself meet the eligibility conditions for the respective E&M packages or otherwise, he will have to associate an specialized agency meeting the eligibility requirements as given in this tender document and submit the details as required for association within 15 days of award of work OR before start of minor component of work whichever is earlier.
5. The composite contractor and the associated specialized agencies are to give required affidavit, to confirm their association. The main contractor will submit MOUs signed with eligible and approved specialized agencies. The MOUs in the specified format shall be signed by both the parties i.e. main contractor as 1st party and associated specialized agency as 2nd party.
6. The proposed specialized agency should submit a copy of an affidavit on non-judicial stamp paper of Rs. 500/- as under, the same shall be counter signed by main contractor.  
“I/We undertake and confirm that, eligible similar work(s) has/have not been got executed through another contractor on back to back basis. Further that, if such a violation comes to the notice of CURAJ, then I/We shall be debarred for working in CURAJ Contracts in future forever. It is also certified that the specialized agency \_\_\_\_\_ is not blacklisted from any Government Organization”.
7. In addition to the eligibility criteria for each Specialized E&M Work, the proposed associated specialized agency shall submit the copy of registration certificate in GST, valid electrical contractor license, if applicable, duly attested by the Main Contractor.
8. In case, the concerned associated specialized agency is not performing satisfactorily or failure of agency to complete the work, the main contractor, on the directions of the CURaj in writing, shall remove the associated specialized agency deployed on the work and shall associate the new specialized agency, who fulfills the conditions mentioned in NIT to execute the leftover work without any loss of time. Such associates shall also enter into tripartite Agreement/Contract along with the main contractor and the University and shall meet the entire guarantee for the equipment already supplied for which payment has been released by the CURAJ in part. If any equipment supplied for the work, during the currency of the earlier associated specialized agency and paid partly by the CURAJ, becomes redundant /not in a position to be installed and commissioned and put to beneficial use due to change in agency for execution of E&M works, the main contractor shall be liable for completion of such work at no cost to the University.
9. No change in associated specialized agency will be allowed without prior approval of the University. Tender accepting authority reserves the right to the change of Sub-Agency in case it is required during the currency of the contract.
10. The main contractor shall be responsible and liable for proper and complete execution of the E&M Works and ensure coordination and completion of works.
11. The University shall not be liable to payment of the associated specialized agency in whatsoever case and it will be the responsibility of Main Contractor only. The University shall not entertain any dispute regarding the same, between Main Contractor & associated specialized agency.
12. The associated specialized agency shall sign a tripartite Agreement/MOU along with the main tenderer and the University, for technical compliance of specifications, guarantee, execution of work etc. as per scope of work as mentioned in NIT and conditions of the contract.

## **ANNEXURE-I**

**(To be submitted with Technical Bid on letter head of agency/contractor)**

To,  
The Registrar,  
Central University of Rajasthan,  
Bandarsindari, Teh.-Kishangarh,  
Ajmer, Raj-305817.

**Sub: Submission of Tender for the work of “Annual Repair, Maintenance & Operation of Electrical Works at Central University of Rajasthan”.**

I/We acknowledge that, the University is committed to follow the principles thereof as enumerated in the Integrity Agreement enclosed with the tender/bid document.

I/We agree that the Notice Inviting Tender (NIT) is an invitation to offer made on the condition that I/We will sign the enclosed integrity Agreement, which is an integral part of tender documents, failing which, I/We will stand disqualified from the tendering process. I/We acknowledge that, **THE MAKING OF THE BID SHALL BE REGARDED AS AN UNCONDITIONAL AND ABSOLUTE ACCEPTANCE** of this condition of the NIT.

I/We agency/contractor acceptance and compliance with the Integrity Agreement in letter and spirit and further agree that execution of the said Integrity Agreement shall be separate and distinct from the main contract, which will come into existence when tender/bid is finally accepted by University. I/We acknowledge and accept the duration of the Integrity Agreement, which shall be in the line with Article 1 of the enclosed Integrity Agreement.

I/We acknowledge that, in the event of my/our failure to sign and accept the Integrity Agreement, while submitting the tender/bid, University shall have unqualified, absolute and unfettered right to disqualify the tenderer/bidder and reject the tender/bid in accordance with the terms and conditions of the tender/bid.

Yours faithfully

(Duly authorized signatory of the Bidder)

## **CHECKLIST OF DOCUMENTS REQUIRED WITH TECHNICAL BID**

**(Should be submitted on the letter head of Tenderer)**

Name of the Contractor/Agency		
Address:		
Name of authorized person, who has signed the tender:		
Phone No./Mobile No.:		
Email Id:		
Sr. No.	Documents Required	Compliance (To be mentioned in Yes/No as attached )
1.	Details of EMD (DD no. and Amount)/ EMD Deposit Receipt of CURAJ	
2.	Copy of Permanent Account Number	
3.	Copy of GST Registration Certificate	
4.	Copy of EPF and ESI registration number	
5.	Copy of audited balance sheets & Profit Loss statement for last three financial years (Annexure –II)	
6.	Copy of work completion certificates from clients regarding the quality and duration of services rendered during last seven years. (Annexure-III)	
7.	Copy of work orders from clients regarding the work awarded during last seven years. (Annexure-III)	
8.	Copy of work orders of on-going works at other sites. (Annexure-IV)	
9.	A self-certificate showing the track record of contracting agency/contractor on letter head of the company. (Annexure-V)	
10.	List of testing equipment owned or certification of hiring the equipment with the list of agency/contractors with their consent letters.	
11.	Valid Electrical Contractor license issued by Govt of India/ State Govt.	
12.	Copy of documents for proof of registration with Govt./Semi Govt. Organization.	
13.	Each and every page of all the tender documents, annexures, corrigendum/addendum ( <b>if any</b> ) and their annexures should be duly seal & signed and submitted with technical bid.	
14.	Bidding Capacity Details with Calculation	
15.	Any other documents mentioned in the Tender document.	

Authorized Signatory of Bidder(s) with Seal

## ANNEXURE – II

### FINANCIAL INFORMATION (To be submitted with Technical Bid)

**Financial Analysis** - Details to be furnished duly supported by figures in balance sheet / profit & loss statement duly certified by the Chartered Accountant, as submitted by the applicant to the Income Tax Department (Copies to be attached).

Sr. No.	Description	Remarks
1.	Average Annual Turn Over of last three financial years i.e. 2020-21, 2021-22, 2022-23.	
2.	Profit/Loss Statement of last three financial years i.e. 2020-21, 2021-22, 2022-23.	

Signature of Bidder(s) with Seal  
Signature of Chartered Accountant with Seal

**ANNEXURE – III**  
(To be submitted with Technical Bid)

**Details of works of similar type executed by the bidder:**

Sr. No	Name of Company/Organization with full address, phone no, email id and name of contact person	Work Description	Cost of work (in crores)	Date of commencement as per contract	Stipulated date of completion	Actual date of completion	Ref. & Date of the Order	No. & Date of completion certificate attached	Remarks
1	2	3	4	5	6	7	8	9	10

Signature of Bidder(s) with Seal

- Indicate gross amount claimed and amount awarded by the Arbitrator.
- Completion certificate to be attached.
- Supporting documents like notice of award, schedule of qualifying works shall also be attached.

**ANNEXURE – IV**  
**(To be submitted with Technical Bid)**

**LIST OF WORKS WHICH ARE IN HAND (PROGRESS):**

<b>Sr. No</b>	<b>Name of Work</b>	<b>Name &amp; particulars of Dept. where work is being executed</b>	<b>Value of Work</b>	<b>Position of works in progress (Date of start &amp; completion)</b>	<b>Remarks</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>

**ANNEXURE – V**  
**(To be submitted with Technical Bid)**

**SELF DECLARATION CERTIFICATE**  
**(To be submitted on Non-Judicial Stamp Paper of Rs. 500/-)**

I hereby certify that the .....agency/contractor has not been ever blacklisted by any Central Government/State Government/PSU/Govt. Institutions etc. on any account.

I also certify that the agency/contractor will execute the work(s) as per the specifications given by the University/Institute and also abide all the terms and conditions stipulated in tender.

I also certify that the information given in the bid is true and correct in all aspects and if in any case at a later date it is found that, any detail provided is false and incorrect, any contract given to the concern agency/contractor or participation may be summarily terminated at any stage. The agency/contractor will be blacklisted and University/Institute may take any action as per rules.

Date:

Name :

Place:

Business Address :

Signature of Bidder :

Seal of the Bidder :



## ANNEXURE – VI

### FORM OF PERFORMANCE SECURITY (GUARANTEE) BANK GUARANTEE BOND

In consideration of the President of India (hereinafter called "The Government") having offered to accept the terms and conditions of the proposed agreement between.....and.....

{hereinafter called "the said Contractor(s)"} for the work.....(here after called "the said agreement") having agreed to production of irrevocable Bank Guarantee of Rs.....(Rupees.....only) as a security/guarantee from the Contractor(s) for compliance of his obligations in accordance with the terms and conditions in the said agreement.

1) We..... (hereinafter referred to as "the Bank") hereby (indicate the name of the Bank) undertake to pay to the Government in amount not exceeding Rs.....(Rupees.....Only) on demand by the Government.

2) We ..... do hereby undertake to pay the amounts due and payable (indicate the name of the Bank) under this Guarantee without any demure, merely on a demand from the Government stating that the amount claimed is required to meet the recoveries due or likely to be due from the said Contractor(s). Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the bank under this Guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs.....(Rupees.....only).

3) We, the said bank further undertake to pay to the Government any money so demanded notwithstanding any dispute or disputes raised by the Contractor(s) in any suit or proceeding pending before any court or tribunal relating thereto, our liability under this present being absolute and unequivocal. The payment so made by us under this bond shall be a valid discharge of our liability for payment there under and the Contractor(s) shall have no claim against us for making such payment.

4) We ..... further agree that the guarantee herein contained (indicate the name of the Bank) shall remain in full force and effect during the period that would be taken for the performance of the said agreement and that it shall continue to be enforceable till all the dues of the Government under or by virtue of the said agreement have been fully paid and its claims satisfied or discharged or till Engineer-In-Charge on behalf of the government certified that the terms and conditions of the said agreement have been fully and properly carried out by the said Contractor(s) and accordingly discharges this guarantee.

5) We ..... further agree with the Government that (indicate the name of the Bank) the Government shall have the fullest liberty without our consent and without effecting in any manner our obligations hereunder to vary any of the terms and conditions of the said agreement or to extend time of performance by the said Contractor(s) from time to time or to postpone for any time or from time to time any of the powers exercisable by the Government against the said Contractor (s) and to for bear or enforce any of the terms and conditions relating to the said agreement and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said Contractor(s) or for any forbearance, act of omission on the part of the Government or any indulgence by the Government to the said Contractor(s) or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.

6) This guarantee will not be discharged due to the change in the constitution of the Bank or the Contractor(s).

7) We ..... lastly undertake not to revoke this (indicate the name of the Bank) guarantee except with the previous consent of the Government in writing.

8) This guarantee shall be valid upto \_\_\_\_\_ . Unless extended on demand by Government. Notwithstanding anything mentioned above, our liability against this guarantee is restricted to Rs. \_\_\_\_\_ (Rs. \_\_\_\_\_ only) and unless a claim in writing is lodged with us within 6 Months of the date of expiry or the extended date of expiry of this guarantee all our liabilities under this guarantee shall stand discharged. Dated the \_\_\_\_\_ day of \_\_\_\_\_ for \_\_\_\_\_ (indicate the name of Bank).

**ANNEXURE – VII**  
**(To be submitted with Technical Bid)**

**FORM – V**  
**See Rule 21(2)**

**FORM OF CERTIFICATE BY PRINCIPAL EMPLOYER**

Certificate that, I have engaged the applicant \_\_\_\_\_ as Contractor/Agency in my establishment. I undertake to be bound by all the provisions of the Contract Labour (Regulation and Abolition) Act, 1970 and the Contract Labour (Regulation and Abolition) Central Rules, 1971, in so far as the provisions are applicable to me in respect of the employment of contract labour by the applicant in my establishment.

**Name of Work: - Annual Repair, Maintenance & Operation of Electrical Works at Central University of Rajasthan.**

Registrar  
Central University of Rajasthan

**Place:**

**Date:**

## ANNEXURE-VIII

### LIST OF APPROVED MAKES

1. Specifications to be followed for execution of work - CPWD specifications with up to date correction slips and directions of the Engineer-In-Charge and relevant IS codes.
2. Type of Work: - ARMO of Electrical Works at CURaj.
3. **Item wise tentative Make List –**  
(The decision of Engineer-In-Charge shall be final & binding in this regard)

Sr. No.	Item Description	Make and Model
1.	Providing <b>46inch</b> length LED 16/18 Watt tube rod with inbuilt driver in existing fitting. (Having lifespan of 17520 continuous burning hours)	Philips/ Bajaj/ Surya/ Corvi/ Wipro/ GM/ Syska/ Osram
2.	Providing <b>48inch</b> length LED 20 Watt tube rod with inbuilt driver in existing fitting. (Having lifespan of 17520 continuous burning hours)	
3	Providing 7 Watt LED lamp (PL type) with suitable driver in existing fitting. (Having lifespan of 17520 continuous burning hours)	
4.	Providing 9 Watt LED lamp (PL type) with suitable driver in LED existing fitting. (Having lifespan of 17520 continuous burning hours)	
5.	Providing High frequency electronic ballast for existing 9/11/13/18 Watt CFL.	Philips/ Bajaj/ Surya/ Wipro / Syska/ Osram
6.	Providing following size PL lamp in existing fitting.	
A	11 Watt, 2 pin PL lamp	
B	13 Watt, 4 pin PL lamp	
C	18 Watt, 4 pin PL lamp	
D	b. att, 4 pin PL lamp	
7.	Providing FSU starter for existing fluorescent lamp fixture.	Philips/Havells/ Syska/ Osram
8.	Providing energy efficient / energy saving direct fit (Retrofit) 14Watt LED light for existing holder / fixture as required.	Philips/ Bajaj/ Surya/ Wipro/ Syska/ Osram
9.	Providing energy efficient / energy saving direct fit (Retrofit) 7 Watt LED light for existing holder / fixture as required.	
10.	Providing bakelite unbreakable lamp/bulb holder for holding CFL, Bulb etc.	GM / Philips/ Anchor/Havells/ Syska/ Osram
11.	Providing energy efficient 18/20Watt LED strip fitting duly prewired including making connection etc. as required.	Philips/ Bajaj/ Surya/ Corvi/ Wipro / GM/ Syska/ Osram
12.	Providing 5/6A piano type (basic model) switch on the existing switch box/cover including connections etc. as required switch 5A	SSK
13.	Providing 15/16A piano type (basic model) switch on the existing switch box/cover including connections etc. as required switch	

14.	Providing 5pin 5Amp (basic model) socket outlet on the existing switch box/cover including connections etc. as required.	SSK
15.	Providing 6pin 15Amp (basic model) socket outlet on the existing switch box/cover including connections etc. as required	
16.	Providing modular switch on the existing modular plate & switch box including all accessories as required-	SSK EL
A	5/6Amps	
B	15/16Amps	
17.	Providing modular socket outlet on the existing modular plate & switch box including all accessories as required-	
A	5/6Amps	
B	15/16Amps	
18.	Providing stepped type electronic fan regulator on the existing modular plate switch box	NorthWest / SSK / Legrand
19.	Supplying following Modular base & cover plate on existing modular metal boxes etc. as required.	
A	Modular base & cover plate for 2 module	
B	Modular base & cover plate for 3 module	
C	Modular base & cover plate for 6 module	
20.	Supplying following Modular base & cover plate on existing modular metal boxes etc. as required.	
A	Modular GI box for 2 module	
B	Modular GI box for 3 module	
C	Modular GI box for 6 module	
21.	Providing socket size flush type 120/280 watt rotary 5 step fan regulator	
22.	Providing piano type bell push / one way switch on the existing switch box/ cover	
23.	Providing ISI marked 16Amp Bakelite unbreakable 3 pin plug top including all accessories as required.	Anchor/ Cona/ Vinay
24	Providing ISI marked 6Amp Bakelite unbreakable 3 pin plug top including all accessories as required.	
25.	Supplying following rating "C" curve, 10kA / 16KA breaking capacity "AC" MCB with positive isolation of breaking capacity not less than 10 KA (B/ C/ D tripping characteristic) ISI marked IS 8828(1996)]/ conforming to IEC 60898 in existing board/sheets Miniature Circuit Breaker suitable for inductive load of following poles in the existing MCB DB etc. as required.	Schneider/ Legrand / ABB / Havells
A	Four Pole, 100Amps, 415 volts, MCB	
B	Four Pole, 63Amps, 415 volts, MCB	
C	Four Pole, 40Amps, 415 volts, MCB	
D	Double Pole, 63Amps, 240 volts, MCB	
E	Double Pole, 40Amps, 240 volts, MCB	
F	Double Pole 32Amps, 240 volts, MCB	
G	Single Pole, 6A, 240 volts, MCB	

H	Single Pole, 10A, 240 volts, MCB	
I	Single Pole, 16A, 240 volts, MCB	
J	Single Pole, 25A, 240 volts, MCB	
K	Single Pole, 32A, 240 volts, MCB	
26.	Providing following rating quick make and quick break current limiting MCCB at 440/415 V, 50 Hz; O/L & S/C settings and conforming to IS 60947-2 / IEC 60947-2 with front face and centralized adjustable, line load interchangeability, having positive isolation capability, provision for UVR , shunt trip , earth fault trip, push ( test ) to trip etc. in the existing MCB DB etc. as required-	Schneider/ Legrand / ABB / Havells
A	4 pole (TP+N) MCCB,125A,36KA	
B	4 pole (TP+N) MCCB, 250A,36KA	
C	4 pole (TP+N) MCCB, 400A, 50KA	
D	3 Pole (TP), MCCB, 630Amp, 50kA	
27.	Providing running capacitor of 230V/ 275V, 50Hz rating of 2.5/ 2.8 mFD as required.	Usha/ Punsumi/ Priya/ Capital/ JEC/ AMCAP/ CONCAP
28.	Providing fan ball bearing 6201 1Z	SKF/ NBC
29.	Providing fan ball bearing 6202 1Z	
30.	Providing socket size flush type 120/280 watt rotary 5 step fan regulator	SSK EL
31.	Providing 1.5 sqmm, ISI marked, FRLS PVC insulated, single core copper conductor cable	
32.	Providing 2.5 sqmm ISI marked, FRLS PVC insulated, single core copper conductor cable	
33.	Providing 4.0 sqmm ISI marked, FRLS PVC insulated, single core copper conductor cable	
34.	Providing 6.0 sqmm ISI marked, FRLS PVC insulated, single core copper conductor cable	PolyCab/ Finolex/ RR
35.	2Cx 1.5 sqmm ISI marked, FRLS PVC insulated, flexible round / flat copper conductor cable	Kable
36.	2Cx2.5 sqmm ISI marked, FRLS PVC insulated, flexible round / flat copper conductor cable	
37.	4Cx16sqmm, ISI marked, FRLS PVC insulated, flexible round / flat copper conductor cable	
38.	4Cx25sqmm, ISI marked, FRLS PVC insulated, flexible round / flat copper conductor cable	
39.	Providing Aluminium ring / pin type lug for cable of following sizes-	
A	16 sqmm	
B	25 sqmm	
C	50 sqmm	Comex/Comed
D	95 sqmm	
E	120 sqmm	
F	150 sqmm	

G	185 sqmm	
40.	Providing Copper ring / pin type lug for cable of following sizes-	
A	1.5 sqmm	
B	2.5 sqmm	
C	4.0 sqmm	
D	6.0 sqmm	
41.	Providing vacuum pressure impregnated copper ballast suitable for existing 70Watt Metal halide lamp fitting.	Philips/Bajaj/Surya/ Osram
42.	Providing 70Watt, Metal Halide lamp in existing fitting.	
43.	Providing High frequency electronic ballast for existing 1x150Watt Metal Halide light fitting	
44.	Providing Normal / High Output High pressure 150Watt Metal halide lamp	
45.	Providing electronic ignitor suitable for Metal halide lamp in existing 70W/150W/250W/400W light fitting	
46.	Providing Normal / High Output High pressure sodium vapour/ Metal halide / Halogen lamp as required.	
A	250 Watt	
B	400 Watt	
47.	Providing vacuum pressure impregnated copper ballast suitable for HPMV / HPSV / Metal halide lamp luminaire as required- HPSV/Metal halide lamp	
A	250 Watt	
B	400 Watt	
48.	Providing Capacitors for power factor improvement in existing HPSV/ HPMV/ Metal halide lamp fixture as required.	
A	12 mfd	
B	16 mfd	
49.	P & F of IP 65 / IP66 protected High Power LED Flood Light system with extruded aluminium housing, toughened glass diffuser with suitable lenses on LED to achieve various beam angles, 240V, 50Hz - High Power LED lamps supplied with pre-wired cable of 1 mtr. Integrated Driver shall be high efficiency having efficiency > 85% and in compliance to IEC standards. System life of 25,000 Burning Hours with 70% of initial Lumens maintained. Light output in Cool white or Warm White Colour as per engineer choice. Fixtures shall be CE and compliance	CG / Bajaj / Wipro / GE / Surya / Havell's
A	High Power LED Flood Light 90W	
B	High Power LED Flood Light 120W	
50.	Providing following size PVC conduits & bend	Any ISI mark
A	25 mm dia. ISI marked, PVC conduit	
B	25 mm PVC bends	
C	32 mm dia. ISI marked, PVC conduit	
D	32 mm PVC bends	
51.	Proving following sizes ISI marked (IS: 14927 P - II) PVC casing capping.	

A	25mmX12mm sizes	
B	32mmX12mm sizes	
52.	Providing 1.1kV grade, ISI marked, electrical insulating tap roll of size: 18mmX9mtrX.125mm	Any ISI mark
53.	Providing 1.1kV grade, ISI marked, water proof electrical insulating tap roll of size: 18mmX20mtrs.	
54.	Providing 11kV grade, ISI marked, HT electrical insulating tap roll of size: 18mmX20mtrs.	
55.	Providing ISI marked ding dong/musical chime bell suitable for 230Volt and all required accessories as required.	Anchor/ Cona/ Vinay / GM
56.	Providing LT panel contractors of following ratings for the existing LT panels and all required accessories as required-	Any ISI mark
A	<b>Upto 63 Amps</b>	
i	Red	
ii	Yellow	
iii	Blue	
iv	Black	
B	<b>Upto 250 Amps</b>	
i	Red	
ii	Yellow	
iii	Blue	
iv	Black	
57.	Providing din bar for following rating distribution boards as required-	Schneider/ Legrand / ABB / Havells
i	For 4 way (4 + 12) TPN, Double door Vertical DB	
ii	For 4 way (4 + 12) TPN, Double door Horizontal DB	
iii	For 6 way SPN distribution board	



**ANNEXURE – IX**  
*(On Non-Judicial Stamp Paper of Rs. 500/- duly Notarized)*

**MEMORANDUM OF UNDERSTANDING [M.O.U.] BETWEEN**

1] M/S \_\_\_\_\_ [Name of the agency/contractor with full address]  
Enlistment Status (as per the tender documents) Valid Upto: \_\_\_\_\_  
Contractor: \_\_\_\_\_  
[Henceforth called the main contractor]

And

2] M/S \_\_\_\_\_ [Name of the agency/contractor with full address]  
OEM/Authorized Service Agent of OEM or Sub-Contractor: \_\_\_\_\_  
Valid Up to: \_\_\_\_\_  
[Henceforth, called Associated OEM/Authorized Service Agent of OEM or Sub-Contractor]

For the execution of Specialized E&M Works .....  
[Full nomenclature of items related to such works under Sub Head of Schedule of Work]  
..... (*Name of Schedule*) for the contract year at CURAJ.

We state that, MOU between us will be treated as an agreement and has legality as per Indian Contract Act [amended up to date] and the department [CURAJ] can enforce all the terms and conditions of the agreement for execution of the above work. Both of us have read the terms & conditions, scope of work involved in ..... [**Name of Specialized E&M Works Involved**] and fully agree to provide the services as per NIT. Both of us shall be responsible for the execution of work as per the agreement to the extent this MOU allows. Both the parties shall be paid consequent to the execution as per agreement to the extent of this MOU permits. In case of any dispute, either of us will go for mediation/arbitration by the Competent Authority of the University. Any of us may appeal against the mediation/arbitration to the Competent Authority of the University. His/Her decision shall be final and binding on both of us.

We have agreed as under:

1] The OEM/Authorized Service Agent of OEM or Sub-Contractors will execute the Specialized E&M Works in the wholesome manner as per terms & conditions and Scope of work of the agreement/NIT. The University shall not be liable to payment of the associated specialized agency in whatsoever case and it will be the responsibility of Main Contractor only.

2] The OEM/Authorized Service Agent of OEM or Sub-Contractors shall be liable for disciplinary action if he failed to discharge the action(s) and other legal actions as per agreement besides forfeiture of the security deposit.

3] All the machinery and equipment, tools and tackles required for execution of all the Specialized E&M Works, as per agreement, shall be the responsibility of the associated concerned specialized agency.

4] The technical and other site staff required for the Specialized E&M Works shall be arranged by the associated concerned specialized agency as per standard practice and conditions of the agreement.

5] Site order book maintained for the said work shall be signed by the main contractor/agency as well as by the Engineer of the associated concerned specialized agency.

6] All the correspondences regarding execution of the Specialized E&M Works shall be done by the EIC, CURAJ with the associated concerned specialized agency with a copy to the main contractor/agency. In case of non-compliance of the provisions of agreement, the main contractor, as well as the associated contractor shall be responsible. The action under clauses of contract shall be initiated and taken against the main contractor and decision of the University shall be final and binding in this regard.

SIGNATURE OF MAIN CONTRACTOR

SIGNATURE OF ASSOCIATED  
SPECIALIZED AGENCY

Name of Authorized Signatory:

Name of Authorized Signatory:

Date:

Date:

Place:

Place:

**Note:** - I..... (*Name of specialized agency*)  
herewith submitting the authorization certificate issued to our agency which is valid up to (*Validation date*). Also I am herewith attaching my authority letter to sign the MOU on behalf of specialized agency.

COUNTERSIGNED:

Engineer In-Charge, CURAJ

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