



CENTRAL UNIVERSITY OF RAJASTHAN
NH-8, Bandarsindri, Kishangarh, Dist. Ajmer

Tender Document

For

**Non-Comprehensive Annual Operation & Maintenance Contract of
33/11 kV Main Receiving Substation, 3 nos. of 11/0.433 kV Load Sub-
Stations and D.G. Set s at Central University of Rajasthan.**

N.I.T.

Name of work: Non-Comprehensive Annual Operation & Maintenance Contract of 33/11 kV Main Receiving Substation, 3 nos. of 11/0.433 kV Load Sub-Stations and D.G. Sets at Central University of Rajasthan.

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Notice Inviting Tender

Central University of Rajasthan invites sealed tender for Non-Comprehensive Annual Operation & Maintenance Contract of 33/11 kV Main Receiving Substation, 3 nos. of 11/0.433 kV Load Sub-Stations and D.G. Set s at Central University of Rajasthan from Contractors of CPWD, MES, BRO, State PWD or Public sector undertakings set up by the central or state government.

NIT No: CURAJ/R/F. 86/2017/4600 dated: 20.03.2017

Estimated Cost: Rs.4352037/- Period of Contract: Twelve Months

Time and date of submission of bid: 10.04.2017 till 02.00 PM

The tender form and other detail can be obtained from the O/o The Registrar, Central University of Rajasthan on payment of Rs.500/- or can be downloaded from the University website www.curaj.ac.in (payment for download tender to be made through Demand Draft along with tender document)

Registrar

Notice Inviting Tender

The Registrar, Central University of Rajasthan, NH-8, Bandarsindri, Kishangarh -305817 invites sealed **Item Rate Tender** from eligible and enlisted contractor of appropriate class of CPWD, MES, BRO, State PWD or Public sector undertakings set up by the central or state government for the following work.

S. No.	Name of Work	NIT No.	Estimated Cost	Earnest money	Time of completion	Time & Date of submission of Bid	Time & Date of Opening of Tender
1	Non-Comprehensive Annual Operation & Maintenance Contract of 33/11 kV Main Receiving Sub-station, 3 nos. of 11/0.433 kV Load Sub-Stations and D.G. Sets at Central University of Rajasthan.	NIT No: CURAJ/R/F. 86/2017/4600 dated: 20.03.2017	Rs. 4352037/-/-	Rs. 100000/-	12 (Twelve months)	10.04.2017 At 02.00 PM	10.04.2017 At 03.00 PM

The tender form and other detail can be obtained from the O/o The Registrar, Central University of Rajasthan, NH-8, Bandarsindri, Kishangarh -305817 on payment of Rs 500/- or can be downloaded from the University website www.curaj.ac.in (payment for download tender to be made through Demand Draft alongwith tender document)

Tender Document

Non-Comprehensive sealed tenders are invited from eligible appropriate class electrical contractors / agencies for the work of “Non-Comprehensive Annual Operation & Maintenance Contract of 33/11 kV MRS, 3 nos. of 11/.433kV load Substations and D.G. sets of Central University of Rajasthan”.

Eligibility Criteria

1. Bidder must have working experience with state PWDs, CPWD, Railways and public / private sector organizations and successfully completed one similar work of Rs 34 lakhs or two similar work of Rs 26 lakhs or three similar works of Rs. 17 lakhs during the last seven years ending previous day of last date of submission of application. Similar works means operation and maintenance of HT Substations. The Bidder should have full knowledge and experience of handling EHT/ HT (minimum upto 33 KV) / LT line. Documentary evidence to substantiate above fact must be submitted along with the bid.
2. Bidder must be a appropriate class electrical contractor / Agency and must have the working experience of “Operation & maintenance” of EHT/ HT Electrical sub- stations of minimum 33KV.
3. The bidder should have had average annual financial turn over (gross) of Rs. 50 lakhs on works during the last three consecutive financial year 2013-14, 2014-15 and 2015-16. Balance sheets (may range from six to eighteen months) duly audited by chartered accountant should be submitted along with the bid document. Year in which no turnover is shown would also be considered for working out the average.

General Terms & Conditions

1. The bidder should have own testing equipments for the proper and timely execution of the work and he should submit a list of these equipments. Else, he should certify that he would be able to manage the equipments by hiring etc. and submit the list of firms with their consent from whom he proposes to hire. The name of equipments, sl. no. of the equipment should be submitted.
2. The bidder should have sufficient no. of technical and administrative employees for the proper and timely execution of the work .The bidder should submit a list of these employees with their C.V. stating clearly the previous experience and their employment plan..
3. The tender documents can be seen/ downloaded from University website: www.curaj.ac.in and all future Corrigendum/Corrigenda will be uploaded on our website.
4. An EMD of amount Rs. 100,000/- (One lacs only) in the form of demand draft of a scheduled bank drawn in favour of Central University of Rajasthan should be enclosed with the application.

5. EMD of unsuccessful Bidders shall be returned after the award of the contract to successful bidder. EMD of successful Bidder shall be refunded after deposit of the Performance security deposit of 5% of total order value (format for performance security deposit will be provided to the successful bidder). No interest shall be paid on the EMD/security deposit. This EMD/ Security deposit shall be forfeited if he/they fails to comply with any of the conditions of the contract. Performance security deposit would be returned after successful completion of the contract period.

6. This operation & maintenance contract will be valid for a period of one (01) year from the date of issue of work order/service order. However the contract further may be extended for next year on same terms and conditions if the contractors performance is found satisfactory. The performance would be evaluated by institute authorities before renewal of contract. Scope of work and cost of such extension may be mutually decided.

7. The tenders will be in **two-bid system**.

Envelope-I shall be **super scribed** as “**Technical Bid**” and shall contain the following (Part- I: Technical bid of tender must be filled by tenderer Annexure-I)-

- i) Tender Cost deposit of Rs five hundred as demand draft of a scheduled bank and drawn in favour of Central University of Rajasthan.
- ii) Earnest Money Deposit (EMD) of Rs. One lacs only (100,000/-) as demand draft of a scheduled bank and drawn in favour of Central University of Rajasthan.
- ii) Copy of Sales Tax/TIN number.
- iii) Copy of service tax registration. iv) Copy of PAN card.
- v) Copy of EPF and ESI registration.
- vi) Copy of Experience Certificates from the clients regarding the quality and duration of services rendered during last seven years as described above.
- vii) Copy of work orders from the client regarding the work awarded during last seven years as described above.
- viii) Copy of work orders of on-going work at other sites.
- ix) A self-certificate showing the track record of contracting firm/contractor on the company letter head.
- x) List of testing equipments owned and/or certification of hiring the equipments with the list of firms with their consent letter.

- xi) List of technical & administrative employees with their C.V. and HT licensed engineer / technician.
- xii) Copy of Latest Income Tax Return.
- xiii) Duly signed & stamped of complete downloaded tender document.
- xiv) Appropriate class of Electrical Contractor license.

Note: Tenders received without Tender Cost & EMD will not be accepted.

8. **Technical Bid** shall be submitted vide a letter on the letter head of the tenderer as per the enclosed format (Annexure-II).
9. **Envelope-II** should be super scribed with “Financial Bid” and should contain only the contractor’s/agencies quoted rates in the given format (Annexure-IV). Financial offer shall be opened only of those who have submitted proper EMD / tender cost and have qualified in the Technical Bid as per eligibility criteria and on submission of documents as per para 7 of General Terms and Conditions.
10. Both the sealed envelope i.e. Envelope-I and Envelope-II shall be put in another third envelope and sealed properly super scribed with “Non- Comprehensive Annual Operation Contract of 33/11 kV MRS, 4nos. of 11/.433kV load Substations and D.G. sets of Central University of Rajasthan.”
11. The duly completed sealed envelope, superscribing the name of work will be received in the Central University of Rajasthan, Bandarsindri, Kishangarh, District- Ajmer, (Raj) Pin-305817 only up to 02:00 pm on date 10/04/2017. This will be opened on the same day at 03:00 pm Bidder’s representative may be present with their ID proof at the time of bid opening. Any tender received after the prescribed time may not be accepted/ considered for opening.
12. University will not be responsible for any postal delay
13. Before submitting the tender, please go through complete tender document and terms and conditions on which the work will be awarded and shall be executed by the successful tenderer.
14. Tenders submitted shall remain **valid for 90 days** from the date of opening for the purpose of acceptance and award of work.
15. Before tendering, the tenderer shall inspect the site to fully acquaint himself about the conditions in regard to accessibility of site, nature and extent of ground working conditions of site and movement of labour etc. required for the satisfactory execution of the work contract. No claim whatsoever on such accounts shall be entertained by the Institute in any circumstances after award of tender.
16. The tender will be awarded to the bidder who will be qualified in technical evaluation and found L-1 in financial bid.
17. In addition the successful contractor shall submit the documents showing the experience of the deputies for the awarded work.
18. Except writing rates and amount, the tenderer should not write any conditions 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 date when contract has been awarded, the contract will be liable to be void. The decision of Registrar, Central University of Rajasthan will be final & binding to the contractor in this regard.

19. The track record of the contracting firm/contractor should be clean and should not have any involvement in illegal activities or financial misappropriation / frauds etc. **A self-certificate on the company letter head shall be attached.**

20. The authorized person of the contracting firm/ contractor must put his signature on all the pages of the tender documents invariably in having accepted all the terms and conditions in respect of this tender work.

21. If the successful Bidder fails to accept the LOI (Letter of Intent), the EMD amount will be forfeited and the second lowest bidder in the list of selected agencies may be given the opportunity for the contract.

22. Central University of Rajasthan reserves the right to accept or reject any or all tender bids without assigning any reasons whatsoever and his decision will be binding on all the parties.

Special conditions of the contract:

The following special instructions/ conditions are applicable to tenderer.

1. The tenderer shall provide the following information along with the tender:

Names and addresses of the clients whose similar works have been executed by the tenderer. Central University of Rajasthan reserves right to verify such credentials. Number of people proposed to be involved for this work with detailed site set up, their qualifications, responsibilities etc. This information would be used for tender evaluation and later on to assess contractor's progress with regard to adequacy of manpower.

Copy of contractor's license (wherever applicable) issued by the electrical licensing authorities of Government of Rajasthan /Govt. of India.

Any other information the tenderer feels necessary to make his offer complete, without changing or without having intent to modify / change any of the tender condition to be submitted in a separate sheet.

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 tenderer has followed the specification fully in words and spirit.

2. Tools, tackles and consumables:

Testing equipments required for the work shall be in good condition (calibrated annually) and arranged by the contractor. The testing instruments shall be of sufficient capacity and quantity as per the site requirements. The instruments like insulation tester, earth tester, earthing rods, multi-meters, testing kits, thermometer etc. shall be required at site during day to day operation activities.

The contractor shall be fully responsible for arranging the supply of regularly required tools & tackles, cable crimping tools, ladders etc. In addition to above, the personal protective equipments (PPE) like helmets, safety belts, hand gloves, safety shoes, torch etc. for all working persons shall also be arranged.

The consumable items like appropriate lubricants, transformer oil, jelly, cotton waste, dungry cloth, emery paper, CRC & CTC and material required for regular housekeeping including detergents, phenyl etc. shall be provided by the contractor.

3. Maintenance of records:

The contractor shall maintain all records such as log books, schedule of maintenance activity, complaint register, maintenance activity record, attendance register, work permit file, tags file, event register, test records for various tests conducted, material requisition book and other statutory registers for manpower employed etc. as per the profarma certified/provided by Central University of Rajasthan. Records of major breakdown occurred during the contract period shall be maintained separately indicating its cause, location and type of repairs carried out. These all records shall be handed over to Central University of Rajasthan on time to time basis (minimum monthly basis). The cost of stationery required for maintenance of the above record shall be borne by the contractor.

The contractor shall also submit the following monthly records to Central University of Rajasthan.

- a. Following month's duty roaster.
- b. Actual duty roaster for the preceding month with approval of CURaj representative.
- c. Spares and consumables available with the contractor and spares and consumables required for next month operation/maintenance, if any.
- d. Action points pending from CURaj side, if any.
- e. Materials consumed in the preceding month, if any.
- f. No. of faults occurred during the previous month & its action taken report.

- g. Information for refilling of the used/ outdated fire extinguishers, top up of transformer oil, etc.
4. The contractor shall employ the required number of technical and non-technical manpower including relievers. During contract period, the contractor shall depute qualified, experienced and competent manpower as per the site set-up/staff requirement specified in the tender. During execution of maintenance activities, in case some additional manpower is required, contractor shall provide the same free of cost. For entry in University, contractor shall submit the details for gate pass of all deputies.
 5. The contractor shall not be entitled for any additional payment during the tenure of the contract due to increase in cost of manpower or any. Breakdown/ emergency maintenance shall be carried out as and when required, irrespective of the shift of operation, in this regard no additional payment shall be made.
 6. The price offered by the contractor shall include the charges for any minor maintenance, the details of which may not be explicitly available in the tender specification but it is essential for this work. This shall also include working of the operation team beyond general shift hours, if required.

7. Faults, repairs and replacement:

In case of faults/repairs/damages, the contractor should immediately submit a detailed fault analysis report, the details of repair/rectification schedule. Fault finding, diagnosis of the fault and preparation of the fault analysis report including arrangement instruments, tools etc. are in the contractor's scope.

On completion of replacement of spares but before energization of the system, the replacement shall be physically checked and tested. These checks and tests shall be conducted by the contractor under the supervision of its own engineers / Central University of Rajasthan engineers and contractor shall furnish the final status and test results to Central University of Rajasthan. Any defect observed during such check and tests shall be made good by the contractor free of cost within the contract completion period.

Any damages caused by the contractor's staff to the spares provided by Central University of Rajasthan shall be fully borne by the contractor. In this regard decision of Central University of Rajasthan shall be final and binding to the contractor

8. Housekeeping:

The contractor shall maintain the installations (33kV MRS and other specified substations) clean and tidy inside as well as around the installations and substation buildings. This shall also include sweeping, mopping, cleaning of cobwebs, removal of scrap generated during contract period, etc. in the substations building and regular removal of wild vegetation from substations yard. All required materials for housekeeping like broom, cobweb broom, mop, bucket, soap, detergents, phenyl, etc. and tools for wild vegetation control shall be arranged by the contractor. No rags and waste etc. shall be thrown near the building. This shall be deposited in the scrap yard and dustbins provided nearby, as per the department instructions. Also furniture and fixture therein shall be maintained.

9. It is the responsibility of the contractor to hand over the entire system to 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 Central University of Rajasthan and contractor on the completion of contract period. The liability towards damage/ replacement shall be limited to 05% (Five percent) of the order value.

10. Inspection:

Inspection will be carried out by Central University of Rajasthan as and when required. The log book for all the MRS, Load Sub-stations and D.G. set shall be submitted to Central University of Rajasthan before submission of RA bill of every month for checking and certification. Periodic inspection by statutory bodies/ authorities will be under the scope of contractor. Contractor shall intimate Central University of Rajasthan authority the schedule of such periodic inspection.

11. Safety

Specifications and standards: The operation and maintenance shall be in conformity with relevant Indian Standard specification, National Electric codes, Indian Electricity Rules.

The contractor, his agents, representatives, workmen etc. shall strictly observe the orders pertaining to fire/LV/HV/EHV (Electrical) precautions prevailing within the restricted areas/electrical substations etc.

The contractor, his agents, representatives, workmen etc shall strictly adhere to the fire/electric shock precautionary measures while working near the explosive areas/HV/LV/Electrical substation areas. During such times, the workmen should be headed by their site supervisor as a precautionary measure. The regular team of the

contractor shall be very well aware of fire fighting, Cardio-Pulmonary Resuscitation, first aid etc.

While working at height, Personal Protective Equipments (PPE) like safety belts, helmet, ladder and scaffoldings etc. shall be used as per the recommended safety guidelines.

12. Accident or injury to workmen:

Central University of Rajasthan shall not be responsible for any injury or loss of any workers of the contractor 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 will not claim any compensation from Central University of Rajasthan.

In order to meet any type of emergency, a dedicated vehicle along with driver shall be made available by the contractor in Central University of Rajasthan.

13. Site set-up/staff:

The contractor shall deploy the staff at Central University of Rajasthan sites as per the given details. Central University of Rajasthan reserves the right to take interview of the deputies to be involved for this work.

One electrical engineer having B.E. Electrical and minimum 05 year's experience or Diploma in Electrical with 07 year's experience of attending operation, maintenance and trouble shooting of electrical sub-station (33 KV and above) and also possessing a valid electrical license/ electrical competence certificate has to be made available for operation and breakdown maintenance work in general shift and as & when required .The engineer's residence should be within 05 kms. area from the institute for the purpose of immediate availability in emergency.

Technicians should be ITI passed and minimum 05 years experienced in operation, maintenance and trouble shooting of electrical sub-station (up-to33 KV) possessing a valid electrical license/ electrical competence certificate holder.

Helpers should be ITI passed or a valid electrical license/ electrical competence certificate holder and minimum of 03 years experienced. This will be deemed to be covered in the quoted cost. The engineer will be responsible and shall be supervising the system and other activities and record the findings in logbook.

Contractor team at site shall be in uniform (of the approved pattern) during the duty time which should be proper, clean and tidy.

If any staff employed by the agency is found absent, an amount at double the rate of min. fair wage applicable per shift shall be recovered from the contractor's bill.

Staff for 33/11 kV Main Receiving Substation, all ESS, for operations of Lift, Pump, and Fire Alarm / Fire fighting systems.

Shift	Site Engineers	Shift Technicians	Helpers
General 9.30 AM to 6.30 PM	One	Two	Three
Shift-A 6.00 AM to 2.00 PM	-	Four	Two
Shift-B 2.00 PM to 10.00 PM	-	Four	Two
Shift-C 10.00 PM to 6.00 AM	-	Four	Two

14. Theft of Parts:

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 will be recovered from the contractor. Security/ Safety of all installations in all substations will be the responsibility of contractor.

15. Materials, Consumables & Tools etc.:

For performance of contract, the Contractor will arrange all the consumables, tools & machines/ testing equipment's required for execution of said jobs ,which will be included in quoted rates. No extra payment for the same will be made by the Central University of Rajasthan. In the contract the major repair does not include i.e. replacement of MCCB , Starter, TPN Switch, U.G. Cables, its fault location and cable wiring, Bus Bar, Change over switch, Street light fittings and fans etc. The contractor shall intimate about major repairs in advance so that necessary suitable action can be taken timely by the department for the arrangement of material

16. During the period of Non-comprehensive operation contract, no payment what so ever towards replacement of parts or consumables etc. shall be entertained. It shall be included in rates quoted.

- 17.** Rates quoted in the financial bid must be inclusive of all central, state and local taxes etc. including trade tax on works contract. Rate are also inclusive of payment to the Labour Department in accordance with the prevailing Labour law, including all statutory liability fixed by the Labour commissioner or any other law enforcement agency. Also, if new taxes are introduced, same also would be applicable.
- 18.** All the statutory fees/ charges needs to be paid for functional/ operational of substations shall be paid to government bodies by contractor. Central University of Rajasthan will reimburse the same after the submission of original receipt to Central University of Rajasthan.
- 19.** Rates quoted in the financial bid must be include re-setting of relays by secondary injection of current and tighten the screws, nuts/bolts, HT/LT Connections, HT cable gantry, rising mains, bus gantry etc. of entire 33/11kV electric substation , 04 nos. Load sub-stations and D.G. sets.
- 20.** A minimum quantity of consumable/spares for breakdown maintenance may be kept at site to minimize time of maintenance. All consumable/spare parts shall be of same make & type as installed as far as possible or approved list of State PWD/CPWD.
- 21.** Contractor shall be solely responsible for payment of wages/salaries and allowances to their personnel as per the rules or act applicable under government order. All central, state, local laws & bye laws applicable will be observed by the contractor and Central University of Rajasthan will be kept indemnified of such payable by the contractor.
- 22.** Daily attendance of the staff shall be maintained by the contractor and the contractor shall make it available to Engineer-in charge of Central University of Rajasthan for inspection as and when required.
- 23.** Without taking prior approval from the Engineer-in -charge, no fittings/ materials will be removed for the purpose of repairs. It will be the contractor's responsibility to provide alternative services, temporary arrangements for such items removed during the period of repair.
- 24.** Any unauthorised person (or visitor) shall not be allowed to come inside the campus without the approval of Engineer in charge and Security officer. Staff deployed at Central University of Rajasthan will 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, contractor shall issue identity cards

bearing their photographs/ identification etc. and such employees shall display their identity cards at the time of duty.

- 25.** Engineer-in-charge, Central University of Rajasthan shall be at liberty to carry out surprise check on the persons as deployed by the contractor in order to ensure that persons deployed by him are doing their duties.
- 26.** For performing the assigned work, the contractor shall deploy medically and physically fit persons (Preferably below the age of 50). The contractor shall ensure that the persons are punctual and disciplined and remain vigilant in performance of their duty. Persons so engaged by the contractor shall be from amongst properly trained electrician of high integrity and good conduct, and shall be conversant in the local language i.e. Hindi. In no circumstances, persons below 18 years of age should be employed.
- 27.** The contractor shall further keep the Central University of Rajasthan indemnified against any loss to the Central University of Rajasthan property and assets. 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.
- 28.** The contractor shall ensure that the persons so deployed do not allow any property of the Central University of Rajasthan related to Equipment's to be taken out of the premises without a Gate Pass signed by the Engineer in-charge of the Central University of Rajasthan.
- 29.** Saturdays / Sundays should be utilized primarily for the maintenance purposes, where shutdown is required, in consultation with & approval of the engineer-in-charge of Central University of Rajasthan.
- 30.** In case, any staff not found up to the mark and not able to work properly or behave improperly, he will have to be changed as per the instruction of the Engineer in charge, Central University of Rajasthan.
- 31.** The firm has to give demonstration of the fire alarm and fire fighting system, to the client department, as per the instructions of the Engineer-in-charge as and when required.
- 32.** Round the clock watch and ward of the equipment installed in electric sub-station building 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.

- 31. SUSPENSION** :- Central University of Rajasthan may by written notice of suspension to the contractor , suspend all payments to contractor hereunder if the later fails to perform any of its obligations under this contract, including the 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.
- 32. TERMINATION** :- Termination of the contract may be given after the occurrence of any of the events specified below:
- a) If the contractor fails to remedy a failure in the performance of their obligations.
 - b) If the contractor fail to comply with any final decision reached as a result of arbitration proceedings.
 - c) If the Central University of Rajasthan, in its sole discretion and for any reason whatsoever ,decides to terminate this contract.
 - d) If the contractor, in the judgement of the Central University of Rajasthan has engaged in corrupt or fraudulent practices in executing the contract.
 - 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 which the same shall be recovered by encashing the existing performance security deposit submitted by contractor.
- 33.** The contractor shall keep the equipment well maintained, neat and clean and adhere to the breakdown maintenance of various equipments. Maintenance of the basic fire fighting systems like sand filled buckets, fire extinguishers shall also be deemed to be included in the contract.
- 34.** The contractor/agency shall submit list of engineers/technicians & their working hours to be furnished and any change must be informed to the Central University of Rajasthan accordingly before the changes is affected.
- 35.** Approval of the statutory bodies like CEA/ local bodies and shall be deemed to be included in the contract as soon as the present approval expires. The contractor shall notify Central University of Rajasthan in writing about such approvals to be taken and inform the compliance of the same. The fees paid to the CEA/ local bodies as per the challan will be reimbursed to the contractor by Central University of Rajasthan. The original challan and approvals shall be handed over to Central University of Rajasthan.

36. The persons deployed by the contractor for the services mentioned above shall be the employees of the contractor for all intents and purposes and that the persons so deployed shall remain under the control and supervision of the contractor.
37. The contractor shall maintain a complaint/ fault register. As & when a complaint arises in respect of any electrical problem, the contractor's employee shall enter the complaint in register & ensure remedial action proactively & instantly.
38. **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.**
39. 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 Shops and Establishment Act. 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 may be claimed by Registrar, Central University of Rajasthan.
40. Contractor shall be deposit 5% of the contract value along with the acceptance of contract as performance security deposit (format for performance security deposit will be provided to the successful bidder) to Central University of Rajasthan and this will be refunded after the successful completion of the contract. The validity of the performance security deposit should be beyond 30 days of contract period.
41. 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 IIT Indore on demand. Further, the contractor shall ensure that no financial or any other liability comes on Central University of Rajasthan in this respect of any nature whatsoever and shall keep Central University of Rajasthan indemnified in this respect.

42. No accommodation & transportation facility will be provided by the Central University of Rajasthan. However the sitting space, table, chairs, almirah, internet connection, telephone line etc facility at only MRS building may be provided by Central University of Rajasthan after receiving the contractor request.

43. PAYMENT: - Payment will be made once in months after satisfactory completion of service and on presentation of bill along with the proof of revised minimum Wages of every worker paid to him direct by contractor through Bank or ECS or online transfer to his bank account of previous months. No advance payment will be made. Income tax and all other statutory tax deduction at source as per the rules in force will be deducted from the bill and the amount so deducted will be credited to the Income tax authority and a certificate of the amount credit will be issued by the Account Section of Central University of Rajasthan.

Service Tax: - The amount of service tax, if any, charged by the contractor from the Institute on account of the services rendered by him. The copy of challan of service tax must be submitted by the contractor with next month bill.

44. Central University of Rajasthan reserves the 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 Institute from time to time and therefore, the final of the work shall be worked out and paid to the extent of work actually carried out.

45. In the event of any question, 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 & his decision will be final and binding to the contractor.

46. The Arbitrator may give interim awards and/or directions, as may be required, Subject to the aforesaid provisions the Arbitrator & 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.

47. JURISDICTION: Disputes of any nature that may be 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 Jaipur only.

Place:

Signature

Name

Date

Central University of Rajasthan

STATE RAJASTHAN

Item Rate Tender & Contract for Works

Tender for the work of: : “Non-Comprehensive Annual Operation & Maintenance Contract of 33/11 kV MRS , 3 nos. of 11/.433kV load Substations and D.G. sets of Central University of Rajasthan”.

- (i) To be submitted by 02.00 PM on 10.04.2017 at office of Registrar, Central University of Rajasthan
- (ii) To be opened in presence of tenderers who may be present at 03.00 PM on 10.04.2017 by the authorized representative of Central University of Rajasthan.

Issued to: - M/s _____

Signature of officer issuing the documents

Designation:

Date of Issue:

ACCEPTANCE

The above tender (as 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 to below shall form part of this agreement:-

- a)
- b)
- c)

Signature.....

Dated

Registrar ,
Central University of Rajasthan.

PROFORMA OF SCHEDULES

SCHEDULE 'A'

Schedule of quantities (Enclosed)

As per sheet attached

SCHEDULE 'B'

Schedule of materials to be issued to the contractor.

S.No.	Description of item	Quantity	Rates in figures & words at which the material will be charged to the contractor	Place of Issue	of Issue
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1	2	3	4	5	
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-----NIL-----

(Material required for the work shall be arranged by the Contractor)

SCHEDULE 'C'

Tools and plants to be hired to the contractor

Sl. No.	Description	Hire charges per day	Place of issue
---------	-------------	----------------------	----------------

1	2	3	4
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-----NIL-----

SCHEDULE 'D'

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

-----NIL-----

SCHEDULE 'E'

Reference to General Conditions of Contract.

Name of work:- "Non-Comprehensive Annual Operation & Maintenance Contract of 33/11 kV MRS , 3 nos. of 11/.433kV load Substations and D.G. sets of Central University of Rajasthan".

- | | | |
|-----------------------------------|---|--|
| Estimated cost of work | : | Rs. 4352037/- |
| (i) Earnest Money | : | Rs. 100000 (To be returned after receiving Performance guarantee.) |
| (ii) Performance guarantee | : | 5% of bided amount. |
| (iii) Security Deposit | : | 2.5% of bided value |

Or
2.5% of bid value plus 50% PG for contracts involving maintenance of the building and services / other work after construction of the same building and services/other work.

SCHEDULE 'F'

General Rules & Directions:
Officer inviting bid -

**Registrar
Central University of Rajasthan**

Maximum percentage for quantity of items of work to be executed beyond which rates are to be determined in accordance with Clauses 12.2 & 12.3.

See below

Clause 1

(i) Time allowed for submission of Performance Guarantee from the date of issue of letter of acceptance,

10 Days

(ii) Maximum allowable extension with late fee @ 0.1% per day of Performance Guarantee amount beyond the period provided

7 Days

Clause 2

Authority for fixing compensation under clause 2

**Registrar
Central University of Rajasthan**

Clause 2

Whether Clause 2A shall be applicable.

No

Clause 5

Number of days from the date of issue of letter of acceptance for reckoning date of start.

15 Days

Time allowed for execution of work

12 (Twelve) Months

Authority to decide:-

(i) Extension of time

**Registrar
Central University of Rajasthan**

(ii) Rescheduling of Mile Stones

**Registrar
Central University of Rajasthan**

(iii) Shifting of date of start in case of delay in handing
over of site

Registrar
Central University of Rajasthan

Clause 6, 6A
Clause applicable –(6 or 6A)

Clause 6 A

Clause 7

NA

Clause 10 A
List of testing equipment to be provided.
by the contractor at site lab

-----NIL-----

Clause 10 B(ii)- Whether Clause 10 B(ii) shall be applicable:

NA

Clause 10CA

Materials covered under this clause	Nearest Materials (other than cement, reinforcement bars and structural steel) for which All India Wholesale Price Index to be followed	Base Price and its corresponding period of all Materials covered under clause 10 CA**
-----Not applicable-----		

Clause 10CC-

Clause 10CC to be applicable in contracts with stipulated period of completion exceeding the period shown in the next column.

Schedule of component of other Materials, Labour, POL etc. for price escalation.

Component of Civil (Except material covered under clause 10CA)/Electrical construction materials expressed as percent of total value of work

Xm
.....NIL.....%

Component of Labour expressed as percent of total value of work

Y
.....NIL.....%

Component of POL expressed as percent of total value of work

Z
.....NIL.....%

Note- Xm.....% should be equal to (100) - (materials covered under clause 10CA i.e. Cement, Steel and other material specified in clause 10CA+ Component of Labour + Component of P.O.L) (Modified vide OM DG/CON/268 dt. 28.05.2013)

Clause 11

Specifications to be followed for execution of work:-

CPWD General specifications for electrical works Part-I (Internal) 2013 & (HVAC-2004), as amended upto date and additional conditions Specifications.**Clause 12**

Type of Work

Maintenance

12.2 & 12.3 Deviation limit beyond which clauses 12.2 & 12.3 shall apply for building/electrical work. **30%**

12.5 I. Deviation limit beyond which clause 12.2 & 12.3 shall apply for foundation work. (except earth work) **100%**
 II Deviation Limit for items in earth work subhead of DSR or related items **30%**
 (Modified vide OM DG/CON/272 dt. 21.08.2013)

Clause 16

Competent Authority for deciding reduced rates.

**Registrar
Central University of Rajasthan****Clause 18**

List of mandatory machinery, tools & plants to be deployed by the contractor at site:

To be arranged by the contractor at site.**Clause 25**

Constitution of Dispute Redressal Committee (DRC)	Competent Authority to appoint DRC
DRC shall constitute one Chairman and two members	Vice Chancellor Central University of Rajasthan

Clause 36 (i): - Requirement of Technical Representative(s) and Recovery Rate

S. No.	Minimum Qualification of Technical Representative	Discipline	Designation (Principal Technical/ Technical representative)	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.

1	Graduate Engineer	Elect.	Principal Technical Representative	5 years	One No.	Rs. Fifteen Thousand per Month	15000/-
----------	--------------------------	---------------	---	----------------	----------------	---------------------------------------	----------------

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

Clause 42

RECOVERY RATES FOR QUANTITIES BEYOND PERMISSIBLE VARIATION

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

A F F I D A V I T

I/ We have submitted a bank guarantee for the work: **“Non-Comprehensive Annual Operation & Maintenance Contract of 33/11 kV MRS , 3 nos. of 11/.433kV load Substations and D.G. sets of Central University of Rajasthan”.**

Agreement No. _____
date _____ from _____

(Name of the Bank with full address)

to the Registrar, Central University of Rajasthan with a view to seek exemption from payment of security deposit/performance guarantee in cash. This bank guarantee expires on _____. I/We undertake to keep the validity of the bank guarantee intact by getting it extended from time to time at my/our initiative upto a period of _____ months after the recorded date of completion of the work or as directed by the University.

I/We also indemnify the Government against any losses arising out of non-encashment of the bank guarantee, if any.

Note: The affidavit is to be given by the executants before a first class Magistrate.

Dated

(Signature of the contractor)

ADDITIONAL SPECIFICATIONS

1.0 GENERAL

The work in general shall be executed as per the description of the item, specification attached, CPWD general Specifications for electrical works part-I & II 2013 and HVAC 2004 as amended up to date.

1.1 In case of any variation between different applicable specifications, the following order of precedence will be followed :

- I. Nomenclature of item
- II. Additional condition, Additional specification and Particular specifications attached with the tender document.
- III. CPWD general Specifications for electrical works part-I & II 2013 and HVAC 2004 as amended up to date.
- IV. Indian Standard Specifications of B.I.S.
- V. Decision of Engineer in charge.

1.2 The work shall be executed and measured as per metric units given in the schedule of quantities, drawings etc. (F.P.S. units wherever indicated are for guidance only).

Technical Specifications / Detailed description for schedule of works

Name of work: Non-Comprehensive Annual Operation & Maintenance Contract of 33/11 kV MRS, 3 nos. of 11/433kV load Sub-stations and D.G. sets at Central University of Rajasthan.

A. Introduction: The scope of work includes round the clock Operation and Maintenance of the 33/11kV Main Receiving Substation (MRS), three numbers of 11/0.433kV Electrical sub-stations and D.G. sets respectively at Central University of Rajasthan.

a). D.G. Sets: All DG sets complete with fuel pumps, piping, HSD tank, D.G. stack and 11 KV switchboards with controller & Synchronizing panels etc.

b). Detailed scope of work for 33/11kV MRS:

1. Activities:

a. Operation, manning and maintenance on round the clock basis of the 33/11 kV MRS and 11/0.433KV Electrical Sub-stations.

b. All Electrical items shall be maintained as per the maintenance schedule of various equipments at 33kV MRS.

c. In addition to activities as per the maintenance schedule of equipments,

general quarterly / half yearly / yearly maintenance shall also include tightening and cleaning activities, as feasible.

d. Preventive maintenance shall be carried out as per the schedule given, during the year by a specialist Engineer from OEM or authorized System house of OEM for relay calibration, CT of 11 & 33 kV, testing of 11KV , 33kV vacuum circuit breakers, transformers ,ACBs , OLTC (as applicable), Battery chargers, DG set, high velocity water spray system. This shall include the quarterly / half yearly /yearly activities as per the maintenance schedule. The obsolete equipments for which OEM and their authorized system house is not available, an experienced person can be deputed during preventive maintenance of particular equipment. The contractor shall submit the documents showing the experience of the deputies for similar equipments.

e. The contractor person shall trace, inform and rectify the running breakdowns to keep the system healthy.

f. On observation of the faulty response, if required, testing of the CT for ratio test, insulation resistance (IR) and all other test required for system shall be carried out.

g. All the meters / equipments which will be used at site by contractor shall be calibrated, also shall be furnished to University as & when required.

h. Verification/testing of interlocks, as feasible. Verification/testing of control and protection scheme logic, as feasible.

i. The scope of work also includes co-ordination with the AVVNL from where the present power at 33kV is taken. If there is a deficiency in power supply from AVVNL or there is a failure or breakdown in power etc. the contractor should ensure that the power is restored at the earliest possible time. Such co-ordination activity will be deemed to be covered under the Price quoted by the contractor.

j. All the information of any event, incident, activity, planning, etc. shall be provide to central University of Rajasthan.

k. 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 stipulated time period as under-

Sr.No.	Particulars	Specified Time Period	Penalty
1	Minor break down (fault in 11kV,VCB panels, breakers panels and switchyard accessories etc.)	4 hrs. (for restore supply)	Rs. 200.00 per hour of delay
2	Major break down (fault in Transformers & 33kV Switchgears panels)	8 hrs. (for restore supply)	Rs. 500.00 per hour of delay

- l. If the power supply to any 33/11/0.415kV substation suffers even for a day (24 hrs.), an amount equal to 10% of the monthly contracted amount per day (reckoned from the day of breakdown up to restoration) will be deducted from the monthly payment.
- m. If maintenance work is not carried out as per schedule, 5% of monthly rate of this contract will be deducted from the monthly bill.
- n. In case of short deployment of manpower as given in the contract, the Institute will make suitable deduction from the monthly bills which may be 2% of monthly bill.

2. Important points to be noted by the contractors:

- a. Annually testing of the oil of main transformers (6.3MVA, 33/11kV) shall include physical tests, electrical tests, Dissolved Gas Analysis (DGA) as per relevant Indian standard (IS 1866 and IS 10593/9434). The contractor shall also make the arrangement for collection and sending the oil samples for all transformers. After testing of oils the reports shall be submitted.
- b. Calibration reports of the instruments used at site for testing of the system shall be submitted along with the test reports.
- c. Meter reading of AVVNL meter shall be carried out as per approved format. Also the area and path to that meter shall kept clean and accessible.
- d. Daily housekeeping activities shall be carried out.

3. Schedule of activities for various equipments:

During shift operation of the substation it is the duty of the available staff to monitor the installation and take safe remedial action that does not require disconnection of the apparatus.

A check should be made for the locks & doors in the substation are in good condition, no leaks have developed in the building roof, the ventilating systems are operating normally. The checks shall also be made for the prescribed safety aids are in place and in good condition, the earthing connection intactness, packing of the cables entering or leaving a cable trench or tunnel within the premises are intact, the equipment ventilating louvers clean, the access roads leading to the oil filled apparatus are unobstructed and maintain approach for the fire fighting. For any extra requirement (which is not in contract) the contractor shall inform the University official well in time. The other important checks/observations to be made are as under.

A. General checks/ observations:

- (i) Cleanliness.

- (ii) Any sign of cracking and chipping of bushings/insulators, oil leakages and integrity of the other visible parts of switchyard and indoor equipments from safe distance.
- (iii) Temperature of critical equipments.
- (iv) Alarms & indications of indoor equipments.

B. Mechanical checks/ observations:

- (i) Indications of the operating circuits including associated system.
 - (ii) Checking of foundation bolts, structure etc.
 - (iii) Tightness of terminal connection, piping junctions and bolted joints.
 - (iv) Health of corrosion protection treatment and take remedial action.
- This shall include touch ups/Marking and minor painting.

4. For Fire Fighting & Fire Alarm :

The work shall be carried out as per CPWD general specification for electrical works Part- V (Wet Riser & Sprinkler System) 2006.

5. Lifts:-

- (i) The work shall be carried out as per CPWD General specification for electrical works (Part-III) Lifts – 2003 as amended upto date and shall comply with the requirements of the Indian Electricity Rules/ Acts, BIS Code of practice etc. as applicable, in force amended up-to-date. All checks of lifts will be made by operator accordingly.
- (ii) The work shall be carried out by deploying and qualified staff with I.T.I. Certificate or with 3 years experience in similar nature of work.
- (iii) All the lift cars and that all projections and machine rooms shall be kept clean to avoid dust accumulation at all times. If it is not done so, a recovery of 500/- per occasions noticed shall be made from the bills of the contractor.
- (iv) If any staff of the contractor is found missing/ absent from his duty place at any time (even for 5 Minute) during the period of his shift, a recovery shall be made at the rate of Rs. 450/- per day from the bill.
- (v) All the staff of the contractor employed on the work shall be capable of operation / running the lifts and can attend to minor in the lifts.
- (vi) In case of any breakdown in the lift, the staff of the contractor shall take immediate action such as reporting to the lift maintaining company and taking their complaint number, reporting to the site Engineers of the department etc. to bring back the lifts into operation.
- (vii) The staff of the contractor shall maintain the logbooks for the lifts in a manner as approved by the Engineer-in-charge. Necessary remarks regarding non-functioning of lifts, time of occurrence of faults, its rectifications, repair carried out etc, should be recorded in the logbooks. All the logbooks connected with the work shall be returned to the department.
- (viii) The log books shall be maintained properly, neatly and serially and every page shall be numbered. No page shall be torn off at any time. no rough work shall be done in the log books. All

cutting/ over – writings shall be signed by the contractor or his authorized representative and shall be counter-signed by the junior Engineer-in charge of the work in the log books. If these are not done, the same shall not be acceptable to the Engineer-in-charge.

(ix) The contractor shall be fully responsible for the safety of his all labourers/ employes employed on the work under this contract.

(x) 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 and shall pay compensation to the aggrieved person if demanded. The decision of the Engineer-in-charge in this respect shall be final and binding of 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 deemed fit.

(xi) The contractor shall be fully responsible for any damage caused to building, machinery, equipments, which are properties of the department by any of his staff unintentionally or willfully and shall be bound to make good any damages forthwith failing which the Engineer-in-charge shall get the damage rectified/ replaced at the contractor's risk and cost and the amount recovered from the contractor's dues.

(xii) The agency will submit the list of staff to be deployed, to Engineer-in-charge before starting of work, showing name, father's name, address, their qualification and experience certificate & ID proof etc. and get approve the same from Engineer-in-charge.

Maintenance schedule of various equipments

1. At 33/11kV MRS

1.1. 33kV/11kV Switchgears

S. No.	Item of Maintenance	Periodicity
1.	Recording of electrical parameters like Voltage, currents, frequency, power, KVA etc.	Each Shift
2.	Outside visual inspection	Each shift
3.	Outside cleaning	Weekly
6.	Operational tests	Yearly
7.	Measurement of Contacts resistance.	Yearly
8.	Measurement of Contacts IR value	Yearly
9.	Servicing including Checking of adjustments, alignment, operation (electrical/manual) and lubrication of mechanism. This shall also include thorough cleaning, removal of old grease, dirt, measurement of switching time etc.	Yearly
10.	Visual inspection, thorough cleaning of all Compartments of the panel, tightening of power and control circuits.	Yearly
11.	Checking of the earth connection	Yearly
12.	CT ratio & insulation resistance measurement	Yearly

13.	PT ratio & insulation resistance measurement	Yearly
14.	Polarity of DC supply.	Yearly
15.	All applicable tests and calibration (by current injection of relay)	Yearly
16	Cable Jointing	As and when required

1.2. Power distribution transformers (3.15MVA):

S. No.	Item of Maintenance	Periodicity
1.	Winding temp of power transformer	Each Shift
2.	Oil temperature	Each Shift
3.	Outside visual inspection including dehydrating breather	Each Shift
4.	Check for oil Level and oil leaks	Each Shift
5.	Checking of oil level in the oil seal of breather and top up if necessary.	Monthly.
6.	Measurement of Earth leakage current (at neutral grounding conductor)	Quarterly.

7. Testing of transformer oil (including OLTC) for BDV. Half Yearly.

8	Measurement of earth resistance, checking of earth in system and rectification if required.	Half Yearly
9.	Cleaning of bushing and external surface of tank cooling pipes.	Half Yearly.
10.	Measurement of IR values.	Half Yearly.
11.	Physical tests, electrical tests, Dissolved Gas Analysis test of transformer oil, as specified	Yearly
12.	Checking of terminal loose connections if any and tightening the same.	Yearly / As and when required
13.	Servicing of the tap changer equipment. OLTC and RTCC	Yearly / As and when required
14.	Oil filtration	Yearly
15.	Reactivation or replacement of breathers silicagel	As and when required

1.3. Battery & DC supply system:

S. No.	Items of maintenance	Periodicity
1.	Outside visual inspection	Every shift
2.	Battery charger voltage / current reading	Every shift
3.	Ventilation and lighting system in battery room	Daily
4.	Intactness of containers	Daily
5.	Sulphation and buckling of plates	Daily
6.	Corrosion traces	Daily
7.	Cleaning of battery equipment	Monthly
8.	Visual inspection of electrical connections	Monthly
9.	Petroleum jelly application	Monthly
10.	DC distribution board terminal connections	Monthly
11.	Battery charger servicing	Yearly
12.	Boost charging	As and when required
13.	Checking earth connection	Yearly

1.4. Earthing

S. No.	Items of maintenance	Periodicity
1.	Outside visual inspection	Every shift
2.	Physical Checks and Cleaning	Weekly
2.	Earth Resistance Value measurements	Half-Yearly

1.5. Internal & External Trench (within substation area)

S. No.	Items of maintenance	Periodicity
1.	Physical Checks and Cleaning	Quarterly
2.	Rain Water drain	As Required

2. At other Load Centre Substations

2.1 11 kV Ring main unit

The maintenance mainly involves following jobs:

S. No.	Item of Maintenance	Periodicity
1.	Outside cleaning	weekly
2.	Check inside of the doors/covers for dust deposit, water ingress, contamination, pest etc. and clean thoroughly.	Yearly/ as & when required
3.	Measurement of insulation resistance (IR)	Yearly
4.	Check protector cap fitted on SF ₆ filling valve	Yearly

5.	SF ₆ gas indicator in 'Green' zone.	Yearly
6.	Proper earth connection	Yearly
7.	Check for operation & interlocks	Yearly
8.	Relay testing and calibration by current injection	Yearly
9.	Checks for correct setting of protective device and prepare record	Yearly
10.	Check external labels, fixings and cables connections etc.	Yearly

Testing Kits and other accessories required for testing & calibration shall be arranged by the contractor.

2.2 Distribution transformers: Transformers at substations have been installed to feed the various loads of that area.

S. No.	Item of Maintenance	Periodicity
1.	Winding temp of power transformer	Daily
2.	Recording of electrical parameters like voltage, current, KVA etc.	Daily
3.	Recording of neutral currents and load balancing in The three phases, if feasible.	As and when required
4.	Measurement of earth resistance, checking of earthing system continuity, healthiness and rectification if required.	Half Yearly
5.	Measurement of IR values.	Yearly.
6.	Thorough cleaning for dust, dirt and moisture etc. The cast coils (HT & LT) shall be cleaned by hot air blower.	Yearly.
7.	Checking of terminal loose connections if any and tightening the same, foundation health.	Yearly

2.3 L.T. TTA Isolator, Main Normal Panel, Emergency Panel & External MDB :

The LT panels are being fed by the distribution transformers and distributing power to various loads of that area. LT TTA are having Incoming & Outgoing Air Circuit Breakers (ACBs), Main panel & Emergency panel are having Outgoing MCCBs, control and protection devices, Control Transformers, control wiring, Busbars, panel heaters, enunciators and measuring instruments (including multifunctional meters), and instrument transformers etc. The periodic maintenance activities shall be as given below:

S. No.	Item of maintenance	Periodicity
1.	Outside cleaning of panels	weekly
2.	Checking healthiness of contacts (auxiliary & main) surface, mounting of contacts spring.	Yearly/as and when required
3.	Checking healthiness of control relays, contactors, wiring, fuses and isolating contacts/jaws, meters etc	Yearly
4.	Operational Checks	Yearly
5.	Arc chutes- inspection & maintenance for dust, dirt, foreign material, flow or cracks and take remedial action, if required.	Yearly/as and when required
6.	Servicing of ACBs and MCCB including checking of mechanism for operation (electrical/manual), adjustment, alignment	Yearly

2.4 L.T. Bus duct: The substation is provided with LT air insulated/ sandwich bus ducts for power transfer between transformers and Panels. The health of bus duct is to be regularly monitored and maintained periodically as given below.

S. No.	Item maintenance	Periodicity
1.	IR value	Yearly
2.	Checking of gaskets, seals for cracks & damages, expansion rubber bellow etc.	Yearly
3.	Cleaning (for dust & dirt, ingress of water) and checking gaps of bus bars at flanges	Yearly
4.	Minor paint touch ups, if required	Yearly

2.5 Automatic Power Factor Correction Panel (APFC): APFC panel having ACB, MCCB/MCB and contactor control for power factor improvement has been provided at some of the load centre substations. The schedule of maintenance activities shall be as under:

S. No.	Item maintenance	Periodicity
1.	Physical checks, outside cleaning	weekly
2.	V, I, kVAR & temp monitoring	daily
3.	Operational checks of switch gears	Half yearly
4.	Healthiness of capacitors & capacitor current measurement	Quarterly
5.	Thorough Cleaning, tightness, etc.	Yearly

3. D.G.Sets :

3.1. Work to be done on daily basis:

Specific gravity, water level and voltage of batteries.
 Cleaning of battery terminal, if required
 Running of DG sets at least for 10 minutes every day in winter/rainy season
 Checking of oil level in day tank
 Physical inspection of DG set & AMF panel
 Lub oil level in the DG set.
 General cleaning of DG set .
 General inspection of cooling towers, pumps etc.
 Temperature of inlet & out let water in CT.
 Ph of CT water.

3.2. A log Book is to be maintained on regular basis by the contractor duly signed by Engineer Incharge. The log book should contain minimum following data entry or as specifies by the manufacturer.

1. Specific Gravity of battery
2. Voltage of battery
3. Electrical parameter of the DG set like Current, voltage, frequency, p.f, KW, KWh, KVA etc
4. Diesel level in day tank
5. lub oil level.
6. Running hours of the DG set
7. Water temperature.
8. Room temperature
9. Noise level
10. Lub oil pressure
11. Consumption of diesel

3.3 Work to be done on monthly basis:

'B' / 'C' checks as per manufacturers instructions.
Cleaning of strainers in the fuel line.
Watering of earth pits.

3.4 Work to be done on half yearly basis:

Safety checks of the DG sets
Operation of all the relays
Checking of electrical panels
Checking & cleaning of contacts of ACB, relays etc.
Checking of safety interlocks
Checking of functionality of relay and calibration if required.
Checking of insulation resistance
Checking of earth resistance.
Cleaning of cooling tower
Tighten the blades of cooling tower.
Any other checking required as per manufacturer's recommendations

3.5 Work to be done on yearly basis:

- 1 Repeat half yearly work
- 2 Change the battery, if required.
- 3 Any other checking required as per manufacturer's recommendations

PART-I: TECHNICAL BID

Name of work- Non-Comprehensive Annual Operation & Maintenance Contract of 33/11 kV Substation, 03 Nos. of 11/0.433 kV Load Sub-stations and D.G. Sets at Central University of Rajasthan.

1	Name of the Contractor/Agency	
2	Address & Contact number	
3	Name of person, who has signed the tender	
4	Details of Tender cost (DD no. and Amount)	
5	Details of EMD (DD no. and Amount)	
6	Permanent Account Number (copy should be attached)	
7	Sales Tax/TIN number (copy should be attached)	
8	Service Tax Registration number (copy should be attached)	
9	EPF registration number (copy should be attached)	
10	ESI registration number (copy should be attached)	
11	Experience certificates related to operation and maintenance of HT Substations during last seven years issued from clients as per tender (copy should be attached)	
12	Copy of work orders related to operation and maintenance of HT sub-stations of on-going works at other sites	
13	A self certificate showing the track record of contracting firm/contractor on the company letter head.	
14	List of testing equipments owned or certification of hiring the equipments with the list of firms with their consent letter.	
15	List of technical & administrative employees with their C.V.	
16	Copy of latest Income Tax Return	
17	Duly signed & stamped of complete downloaded tender document	
18	Valid Electrical Contractor license.	

To,
The Registrar
Central University of Rajasthan.
Bandarsindari, Kishangarh

Sub: Submission of Tender for the work of “Non-Comprehensive Annual Operation & Maintenance Contract of 33/11 kV Substation, 03 Nos. of 11/0.433 kV Load Sub-stations and D.G. Sets at Central University of Rajasthan.”

I/We acknowledge that 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 confirm 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 terms and conditions of the tender/bid.

Yours faithfully

(Duly authorized signatory of the Bidder)

FORM OF EARNEST MONEY (BANK GUARANTEE)

WHEREAS, contractor..... (Name of contractor) (hereinafter called "the contractor") has submitted his tender dated (date) for the construction of.....(name of work) (hereinafter called "the Tender")

KNOW ALL PEOPLE by these presents that we (name of bank) having our registered office at (hereinafter called "the Bank") are bound unto(Central University of Rajasthan) (hereinafter called "the Engineer-in-Charge") in the sum of Rs. (Rs. in word.....) for which payment well and truly to be made to the said Engineer-in-Charge the Bank binds itself, his successors and assigns by these presents.

SEALED with the Common Seal of the said Bank this day of20.....

THE CONDITIONS of this obligation are:

- (1) If after tender opening the Contractor withdraws, his tender during the period of validity of tender (including extended validity of tender) specified in the Form of tender.
- (2) If the contractor having been notified of the acceptance of his tender by the Engineer-in-Charge:
 - (a) fails or refuses to execute the Form of Agreement in accordance with the Instructions to contractor, if required;
 - OR
 - (b) fails or refuses to furnish the Performance Guarantee, in accordance with the provisions of tender document and Instructions to contractor,
 - OR
 - (c) fails or refuses to start the work, in accordance with the provisions of the contract and Instructions to contractor,
 - OR
 - (d) fails or refuses to submit fresh Bank Guarantee of an equal amount of this Bank Guarantee, against Security Deposit after award of contract.

We undertake to pay to the Engineer-in-Charge up to the above amount upon receipt of his first written demand, without the Engineer-in-Charge having to substantiates his demand,provided that in his demand the Engineer-in-Charge will note that the amount claimed by his is due to him owing to the occurrence of one or any of the above conditions, specifying theoccurred condition or conditions.

This Guarantee will remain in force up to and including the date* after the deadline for submission of tender as such deadline is stated in the Instructions to contractor or as it may be extended by the Engineer-in-Charge, notice of which extension(s) to the Bank is hereby waived. Any demand in respect of this Guarantee should reach the Bank not later than the above date.

DATE
WITNESS

SIGNATURE OF THE BANK
SEAL
(SIGNATURE, NAME AND ADDRESS)

*Date to be worked out on the basis of validity period of 6 months from last date of receipt of tender.

**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.....(hereafter called "the said agreement") having agreed to production of a irrevocable Bank Guarantee for 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.

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)

See Rule 21(2)

FORM OF CERTIFICATE BY PRINCIPAL EMPLOYER

Certificate that I have engaged the applicant _____ as contractor 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: - Non-Comprehensive Annual Operation & Maintenance Contract of 33/11 kV Substation, 03 Nos. of 11/0.433 kV Load Sub-stations and D.G. Sets at Central University of Rajasthan.

Registrar
Central University of Rajasthan

Place;
Date;

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

INTEGRITY AGREEMENT

This Integrity Agreement is made at on thisday of20.....

BETWEEN

Central University of Rajasthan through Registrar, Central University of Rajasthan Bandersindri Dist-Ajmer. (Hereinafter referred as the ‘Principal/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/firm/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 / Owner has floated the Tender (NIT No. **CURAJ/R/F.86/2017/4600 date:20.03.2017**) (hereinafter referred to as “Tender/Bid”) and intends toward, under laid down organizational procedure, contract for - Non-Comprehensive Annual Operation & Maintenance Contract of 33/11 kV Substation, 03 Nos. of 11/0.433 kV Load Sub-stations and D.G. Sets at Central University of Rajasthan

. Here in after referred to the “Contract”.

AND WHEREAS the Principal/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/Owner

- 1) The Principal/Owner commits itself to take all measures necessary to prevent corruption and to observe the following principles:
 - (a) No employee of the Principal/Owner, personally or through any of his/her family members, will 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 which the person is not legally entitled to.
 - (b) The Principal/Owner will, during the Tender process, treat all Bidder(s) with equity and reason. The Principal/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/Owner shall endeavour to exclude from the Tender process any person, whose conduct in the past has been of biased nature.
- 2) If the Principal/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/Owner will inform the Chief Vigilance Officer and in addition can also initiate disciplinary actions as per its internal laid down 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 Contract execution:
 - a) The Bidder(s)/Contractor(s) will not, directly or through any other person or firm, offer, promise or give to any of the Principal/Owner's employees 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 with other Bidder(s) into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts,

submission or on-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 improperly, (for the purpose of competition or personal gain), or pass on to others, any information or documents provided by the Principal/Owner as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.
 - 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 his 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 firm indulge in fraudulent practice means a wilful 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 firm 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/Owner under law or the Contract or its established policies and laid down procedures, the Principal/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/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 above or in any other form, such as to put his reliability or credibility in question, the Principal/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/Owner. Such exclusion may be forever or for a limited period as decided by the Principal/Owner.
- 2) Forfeiture of EMD/Performance Guarantee/Security Deposit: If the Principal/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/Owner apart from exercising any legal rights that may have accrued to the Principal/Owner, may in its 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/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/Owner has substantive suspicion in this regard, the Principal/Owner will inform the same to 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 disqualified 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/ 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/Owner may, at its own discretion, revoke the exclusion prematurely.

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 Subcontractors/sub-vendors.

- 2) The Principal/Owner will enter into Pacts on identical terms as this one with all Bidders and Contractors.
- 3) The Principal/Owner will disqualify Bidders, who do not submit, the duly signed Pact between the Principal/Owner and the bidder, along with the Tender or violate its provisions at any stage of the Tender process, from the Tender process.

Article 6- Duration of the Pact

This Pact begins when both the parties have legally signed it. It expires for the Contractor/Vendor 12 months after the 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, CPWD.

Article 7- Other Provisions

- 1) This Pact is subject to Indian Law, place of performance and jurisdiction is the Head quarters of the Division of the Principal/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 a 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) Should 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 intensions.
- 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 by the Owner/Principal 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 the presence of following witnesses:

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

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

WITNESSES:

1.

(signature, name and address)

2.

(signature, name and address)

Place:

Dated :

FINANCIAL BID

Name of Work: - Non-Comprehensive Annual Operation & Maintenance Contract of 33/11 kV Substation, 03 Nos. of 11/0.433 kV Load Sub-stations and D.G. Sets at Central University of Rajasthan.

S No.	Description of Work	Charges per Month	Charges per Year
1 (a)	<p>Non-Comprehensive Annual Operation & Maintenance Contract of 33/11 kV Substation, 03 Nos. of 11/0.433 kV Load Sub-stations and routine maintenance of electrical points, fan points, exhaust points, call bell points, light/power plug points, electrical fixtures ie fans, luminaries, street light, solar water heating system, switch boards, SDBs, EDBs, feeder pillar, LT panels, overhead line, on all days i/c Sundays and Holidays.</p> <p>Running of DG sets, drinking water pumps and air cooling system on all days i/c Sundays and Holidays.</p> <p>Routine testing and preventive maintenance of Fire Fighting and Fire Alarm system on all days i/c Sundays and Holidays.</p> <p>Operation of lifts 14 Nos. in day time only as per the directions of the University.</p> <p>The above works shall be carried out round the clock basis and as per the terms and conditions mentioned in the tender document.</p> <p>Bidder must submit the cost analysis of quoted rates.</p>		
	Taxes in any		
	Grand total in figures		
	Grand Total in Words		

Dated Signature of the Tenderer with seal