

CENTRAL UNIVERSITY OF RAJASTHAN

**NH-8, Bandarsindri, The- Kishangarh, Dist- Ajmer
(Rajasthan), India**

NIT No. CURAJ/R/F.85/2017/3894 dated 03.02.2017

**Name of Work: - Annual Contract for Operation &
Maintenance of 750 KLD capacity Sewage Treatment Plant
at Central University of Rajasthan.**

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 undertaking set by the Central or State government for the following work.

S. No.	Name of Work	NIT No.	Estimated Cost	Earnest money	Duration of contract	Time & Date of submission of Bid	Time & Date of Opening of Tender
1	Annual Contract for Operation & Maintenance of 750 KLD capacity Sewage Treatment Plant at Central University of Rajasthan.	CURAJ/R/F.85/2017/3894 dated 03.02.2017	Rs. 735468/-	Rs. 15000/-	12 months(Further extendable for one more year subject to satisfactory services)	28.02.2017 At 02.00 PM	28.02.2017 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)

INSTRUCTIONS TO CONTRACTORS FOR SUBMISSION OF TENDER

TENDERER TO ENSURE THAT:-

1. Tender to be witnessed on CPWD 8 of tender documents.
2. The contractor shall quote his rates keeping in mind the specifications, terms and conditions, additional / particular and special conditions etc. And nothing shall be payable extra whatsoever, unless otherwise specified.
3. The contractor whose tender is accepted shall also furnish performance guarantee of 5% of the tendered amount in addition to the other deposits mentioned elsewhere in the contract for proper performance of the agreement. This guarantee shall be in the form of Banker's Cheque, Bank/Demand Draft/ Pay order of any scheduled bank (in case guarantee amount is less than 1,00,000/-) or Government Securities or fixed Deposit Receipts or Guarantee Bonds of any scheduled Bank or the State Bank of India in accordance with the prescribed form.

Documents to be accompanied along with Technical Bid

1. Attested copy of Registration certificate or registered partnership deed of firm if firm is in partnership.
2. EMD of Rs. 15000/- through DD favouring Central University of Rajasthan, payable at Bandarsindri/ Kishangarh.
3. Tender fee of Rs.500/- in form of DD, favouring Central University of Rajasthan, payable at Kishangarh.
4. Self-attested list of present clients along with their contact numbers and the copies of evidence in respect of the works executed of similar nature.
5. Experience Certificates of satisfactorily completion of three works of similar nature in last five years. However the contracts going to expired within next 6 months of the last date of submission of tender may be included in the list.
6. Enlistment Certificate/ Order of the CPWD/ Rajasthan PWD or similar Government Departments.

CHECK LIST FOR CONTRACTORS FOR SUBMISSION OF TENDERS:

1. The contractor(s) should also read all the specifications, items & conditions, contract clauses, nomenclature of the items, specifications etc., contained in the bid document very carefully, before quoting the rates.
2. The contractor(s) should also read the General conditions of Contract for CPWD works 2014, which will be a part of the agreement with amendments upto the date of receipt of tenders including the special conditions and particular specifications etc.
3. Rates must be filled in words and figures. Amount should be worked out for all items.
4. The contractor(s) shall quote the rates keeping in mind the specifications, terms & conditions, additional and special conditions etc., and nothing extra shall be payable unless otherwise specified.
5. The Contractor(s) shall have to make his own arrangement for housing facilities for staff at his own cost. No labour huts will be allowed to be constructed in University campus. Any decision in this regard shall rest with the Central University of Rajasthan.
6. The contractor(s) shall quote his rebate if required, mentioning specifically on what component it is applicable otherwise it shall be considered general rebate on total quoted rates.
7. The work is required to be executed in occupied buildings. The contractor(s) shall take precaution to ensure quality of workmanship as well as the progress of the work. He shall regulate the labour accordingly.
8. The contractor(s) shall make arrangement for disposal of dismantled materials from upper floors which are environmental friendly.

9. CPWD Contractor's Labour Regulations:

- (i) Wages due to every worker shall be paid to him direct by contractor through Bank or ECS or online transfer to his bank account.
- (ii) The contractor shall obtain signature from Junior Engineer or any authorized representative of the Engineer-in Charge as the case may be, a certificate under his signature at the end of the entries in the "Register of Wages" or the "Wage cum Muster Roll" as the case may be in the following for:-

"Certified that the amount shown in column No..... has been paid to the workman concerned through bank account of labour on at....."

- (iii) The contractor whose bid is accepted will be required to furnish either copy of applicable licenses/registration or proof of applying for obtaining labour licenses, registration with EPFO, ESIC and BOCW welfare board and program chart (time and progress) within the period specified in schedule 'F'.
- (iv) No running account bill shall be paid for the work till the applicable labour licenses, registration with EPFO, ESIC and BOCW welfare board whatever applicable are submitted by the contractor to the Engineer-in-Charge.
- (v) The contractor shall also comply with provision of the interstate migrant workman (regulation of employment) condition of service at 1979.

Central University of Rajasthan

Bandarsindri, NH-8, Dist. Ajmer

NOTICE INVITING TENDER

**

1. Tenders are invited from reputed contractor for issue of tender documents for the work of:-

Name of Work: Annual Contract for Operation & Maintenance of 750 KLD capacity Sewage Treatment Plant at Central University of Rajasthan.

1.1 The work is estimated to cost Rs. 735468/- This estimate, however, is given merely as a rough guide.

1.2 To become eligible for issue of tender, the tenderer shall have to furnish an affidavit as under:-

i)"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 Department, than 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 work, the Engineer-in-Charge shall be free to forfeit the entire amount of Earnest Money Deposit /Performance Guarantee."

1. Agreement shall be drawn with the successful Tenderer on prescribed Form CPWD-8, which is available as a Govt. of India Publication (Edition 2014 with up to date correction slips issued up to the last date of issue of tender). Tenderer shall quote his rates as per various terms and conditions of the said form which will form part of the agreement.
2. The time allowed for carrying out the work will be **12 (Twelve) months** (further extendable for one more year subject to satisfactory services) from the date of start as defined in schedule 'F' or from the first date of handing over the site, whichever is later, in accordance with the phasing , if any , indicated in the tender documents.
3. The site for the work is available in full.
4. Bid documents consisting of plans, specifications, the schedule of quantities of the various classes of work to be done and the set of terms and conditions of contract to be complied with by the contractor whose tender may be accepted and other necessary documents can be seen in the office of the Registrar, Central University of Rajasthan in office hours except on Sundays and Public Holidays. Bid documents, excluding standard form, will be issued from this office, during the office hours specified above, on payment of Rs. 500/- in cash/demand draft in favour of Central University of Rajasthan as cost of bid payable at Kishangarh/ Bandarsindri. The tender form can also be downloaded from the University website www.curaj.ac.in (payment for download tender to be made through Demand Draft in favour of Central University of Rajasthan payable at Bandarsindri/ Kishangarh alongwith tender document at the time of submission of bid.)
5. (i) Bid shall be accompanied with Earnest money of Rs. 15000/- in demand draft of a scheduled bank issued in favour of Central University of Rajasthan payable at Kishangarh/ Bandarsindri.

(ii) Application supported by prescribed annexure, Earnest money, Copy of Enlistment Order, tender cost (if downloaded from the website) and tender shall be placed in separate sealed envelopes clearly written on each as “**Earnest Money**” and “**Financial Bid/tender**” respectively with name of work written on each envelop.

Both envelopes shall be submitted together in another main sealed envelope with name of work written on cover. The bids will be received up to 02.00 PM on 28.02.17 in the office of Registrar, Central University of Rajasthan. The envelope marked “Earnest Money” shall be opened first by the authorized representative of the Central University of Rajasthan on the same day at 03.00 PM. The Tender/Financial Bid of only those bidders shall be opened thereafter whose Earnest Money, tender cost and Copy of Enlistment Order are received in the prescribed manner.

(iii) The contractor, whose tender is accepted, will be required to furnish performance guarantee of 5% (Five percent) of the tendered amount within the period specified in schedule F. This guarantee shall be in the form of Banker's Cheque, Bank/Demand Draft/ Pay order of any scheduled bank (in case guarantee amount is less than 1,00,000/-) or Government Securities or fixed Deposit Receipts or Guarantee Bonds of any scheduled Bank or the State Bank of India in accordance with the prescribed form.

In case the contractor fails to deposit the said performance guarantee within the period as indicated in Schedule 'F', including the extended period if any, the Earnest Money deposited by the contractor shall be forfeited automatically without any notice to the contractor.

(iv) The description of the work is as follows:

Intending Bidders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their bids as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their bid. A bidder shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed. The bidder shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Electricity will be provided by the University free of cost. Submission of a bid by a bidder implies that he has read this notice and all other contract documents and 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 and local conditions and other factors having a bearing on the execution of the work.

(v) The University does not bind itself to accept the lowest or any other tender and reserves to itself the authority to reject any or all the bids received without the assignment of any reason. All bids 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.

(vi) Canvassing whether directly or indirectly, in connection with tenders is strictly prohibited and the tenders submitted by the contractors who resort to canvassing will be liable to rejection.

(vii) The University reserves the right of accepting the whole or any part of the tender and the tenderer shall be bound to perform the same at the rate quoted.

(viii) The tender for the works shall remain open for acceptance for a period of ninety (90) days from the date of opening of the financial bid. If any tenderer withdraws his tender before the said period or issue of letter of acceptance, whichever is earlier, or makes any modifications

in the terms and conditions of the tender which are not acceptable to the University, then the University shall, without prejudice to any other right or remedy, be at liberty to forfeit said earnest money absolutely as aforesaid. Further the tenderer shall not be allowed to participate in the re-tendering process of the work.

- (ix) The bid document shall form a part of the contract document. The successful tenderer/ contractor, on acceptance of his bid by the Accepting Authority, shall, within 15 days from the stipulated date of start of the work, sign the contract consisting of:-
- a) The bid documents including additional conditions, specifications and drawings, if any, forming the tender as issued at the time of invitation of bid and acceptance thereof together with any correspondence leading thereto.
 - b) Standard C.P.W.D Form **8** - 2014 edition with upto date correction slip issued upto the last date of issue of tender.

Registrar

Central University of Rajasthan

Central University of Rajasthan

STATE RAJASTHAN

BRANCH ESTATE

Item Rate Tender & Contract for Works

Tender for the work of Annual Contract for Operation & Maintenance of 750 KLD capacity Sewage Treatment Plant at Central University of Rajasthan.

- (i) Tender to be submitted by 02.00 PM on 28.02.17 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 28.02.17 by the authorized representative of Central University of Rajasthan.

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, schedule, A, B, C, D, E & F. specifications applicable, Drawings & Designs, General Rules and Directions, Conditions of Contract, clauses of contract, special conditions, Schedule of Rate & 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 for the University within the time specified in Schedule "F", viz., schedule of quantities 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 condition 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 its terms and conditions.

A sum of Rs. 15000/- is hereby forwarded in demand draft in favour of Central University of Rajasthan as earnest money. 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 absolutely. Further, if I/we fail to commence work as specified, I/we agree that 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 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 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 documents drawings and other records connected with the work as secret/confidential documents and shall not communicate information derived there from 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 Contractor

Postal Address* _____

Telephone No.* _____

Fax _____

E-Mail _____

Witness** : _____

Address** : _____

Occupation** : _____

(*) To be filled in by the Contractor.

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

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.

SECTION – I

BRIEF PARTICULARS OF WORK

- 1) Brief specification to be complied with and the various operations and maintenance activities to be carried out are indicated in the specification for compliance by the contractor -
 - I) An Inventory of all civil works, mechanical, electrical, electronic equipments and other instructions provided in the STP needs to be maintained.
 - II) Operation and maintenance for the STP including preventive maintenance schedule for each equipment. A step by step operation instruction shall be prepared and included in this operation and maintenance manual. The maintenance manual shall provide trouble shooting charts for each equipment, list of essential spares to be stocked for each equipment. One copy of this step operational procedure and a list of preventive maintenance schedule activities for each equipment shall be laminated & displayed in STP for guidance to operators.
 - III) Three sets of flow diagram showing all hydraulic levels, layout plan drawings of the treatment plant has to be prepared showing all treatment units, inter connecting pipe lines with sizes and their routing below ground level and roads and pathways marked in plan together with a brief write up explaining the treatment process. One set of these drawings have to be laminated and mounted on 12 mm thick ply wood board and displayed in Treatment plant in office room.

2) **Functions and responsibilities of the contractor.**

The contractor has the prime responsibility of efficiently operating and maintaining sewage treatment plant (STP) to conform to quality requirements shown below –

1	PH	6.5 to 9.0
2	Suspended solids	Below 1100 mg/l
3	BOD	Below 100 mg/l
4	COD	Below 250 mg/l
5	Oil & grease	Below 50 mg/l
6	Odour	Not objectionable

To ensure the same the contractor has to organize and carry out the operation and maintenance works in a professional manner using best quality of treatment chemicals and deploying well-trained staff.

- 3) It is responsibility of the contractor to provide necessary supervisory staff and security staff to prevent entry of unauthorized persons and to ensure security of the STP and the plant and machinery against theft and other losses. The contractor should enclose the names of staff to be employed with qualification certificates, experience certificate and their passport size photographs affixing their signature. The staff to be employed shall be responsible for discharging treatment effluents for redistribution. The contractor is expected to employ reliable persons whose antecedents are properly verified.
- 4) The contractor has to organize training course in the STP site for all his staff. The course content shall include brief introduction the Technologies for waste water treatment and recycling the water, disinfection, preparation of chemical solution of required concentration and dosage, functioning of aeration tanks, operation and maintenance of aeration equipments air blowers, submersible pump sets, safety measures to be followed in sewage treatment plants, safety in handling machinery, and electrical equipments, maintenance of log books, preventive maintenance works to be carried out for major equipments etc. The training shall be conducted in the presence of Engineer in charge.
- 5) STP has to be manned and operated round the clock with approved personnel in three shifts at eight hours working for each shift throughout the year.
- 6) The contractor should exhibit a duty chart in the plant office the persons on duty in each shift.
- 7) Operation of the STP has to be carried out as per the recommended procedure for each unit treatment process detailed operation and maintenance manual for the sewage treatment plant offered by him.
- 8) Preventive maintenance scheduled works have to be meticulously carried out at correct time intervals for all equipment.
- 9) Minor and major repairs to equipments installed in the STP have to be carried out by the contractor during the O &M period of 1 year &. Any repairs to the pipe lines have to be, attended by the contractor. All such activities including spare parts changed for each equipment shall be documented in log books for each equipment.
- 10) The contractor has to operate and maintain the plant as recommended in the manual and maintain proper logs and records of the work carried out daily in each of the three shifts.

- 11) Contractor has to properly maintain all pump sets, liquid level control switches, all control valves and other on line instrumentation in good working condition.
- 12) The contractor has to keep and maintain all units of the treatment plant and its surroundings neat, clean and tidy.
- 13) The contractor shall maintain separate Log registers showing the following details. All the following registers shall be maintained by the head of the operating staff to be named by the contractor in writing to Engineer In charge-

- i) Register showing the timings of operation of each plant machinery, all sewage and sludge pump-sets, aeration motors, backwashing of filters, submersible mixers, internal recycling pump-sets, chemical metering pump-sets, disinfection pump-sets, etc;
- ii) Separate registers showing the works done on preventive maintenance for each equipment should be maintained.
- iii) A separate register showing details of each occurrence of all break downs of equipments, date and time of occurrence of break down, reasons for break down, action taken to set right and date and time of restoration of the equipment back to normal working shall be maintained by the contractor. An attendance register shall be maintained where in all personnel working in each shift shall sign.
- iv) A separate register shall be maintained in which the daily consumption of each chemical used for treatment and disinfection of the waste water shall be recorded correctly showing the KG of each chemical used or liters of chemical solution used.

Other registers required to be maintained as stipulated by the Government Regulations with regard to the labour regulations, payment of EPF, ESI, safety of workmen, accidents register etc shall also be maintained by the contractor

Mandatory regulations prescribed by the Government shall be followed by the contractor regarding labour and safety clauses which are already furnished in the tender, without any lapse, including

- v) those conditions, amended by these departments periodically.
- vi) The contractor should provide uniform, identification badges to all the staff and they should wear during working hours.
- vii) The contractor should ensure the treated effluent quality to be always conforming to the standard prescribed in the tender
- viii) Tools and tackles for the operation and maintenance should be provided by the Contractor.
- ix) All equipment, tools and plants supplied by the Central University of Rajasthan If

any, should be kept in good working condition and these should not be taken out of the premises without the written permission of the Engineer - in - charge.

- x) Contractor shall provide a Notice board detailing precautions to be taken by operation personnel in work conformity with Industries and labour regulations.
 - xi) The materials should be properly stocked for easy verification and easily accessible for receiving and storing the fresh stock whenever they are supplied at site.
 - xii) Printing of registers, log sheets and stationery required for the maintenance of records has to be arranged by the contractor at his cost.
 - xiii) The contractor has to maintain basic cost records for all the direct and indirect expenditure and overheads on regular basis as prescribed by Engineer - in – charge.
- 14 On completion of the maintenance period, the, treatment plant has to be handed over to the Central University of Rajasthan in good running condition. At the time of taking over by Central University of Rajasthan all the equipment and accessories in the treatment plant will be inspected and if any defects are noticed, the same will have to be rectified to the original running condition and only after which the unit will be taken over.
- 15 The contractor should ensure that the team of operational staff would be available to operate the plant and equipments continuously even after completion of the Contract period till such time required by Central University of Rajasthan on payment for the same.
- 16 Service contracts have to be arranged to be provided for all important equipments and machinery shown below by respective supplier or manufacturer of equipment machinery. All data shall are to be entered in the personal computer available for plant and separate files maintained for each Item of data"s stated below.
- 17 The contractor shall be responsible for the safety of all the plant equipment and entire plant.
- 18 To carry out the daily / periodical lubrication and checking oil levels and changing oils periodically etc., for smooth uninterrupted rolling of units, the necessary lubricants, grease, water etc., have to be supplied by the successful Tenderer / contractor and the cost for the same has to be included in the tender cost.
- 19 Periodical cleaning/brushing of launders, channels, walkways etc., at all the units of the plant will be carried out by the contractor and the entire plant premises shall be kept neat and clean. The contractor should attend to the general cleaning of the plant premises by sweeping, dusting and removal of the screenings, grit and excess sludge etc.

20 The contractor has to abide by various statutory acts of the Government regarding facilities to be provided to the workmen, labour, staff employed under minimum wages act, workmen compensation act, factories act, ESI, PF etc..

21 Sampling and testing of the influent and treated effluent: The contractor shall submit fortnight test report from approved laboratory for parameters of concerned to confirm the performance of STP in accordance to the tender.

23 Quantity of influent and treated effluent to be recorded in each shift: Contractor shall maintain a daily record of total wastewater inflow, total treated wastewater recycled and the quantity of wastewater discharged.

24 Aeration of the influent:

The D.O level in the aeration tank should be maintained at a minimum level of 1.5 mg/l and should preferably be 2.0 mg/l.

25 Chemical Solution Dosing:

The clarified effluent shall be dosed with nature suraksha Decomposed cum deodourizer liquid (NDSL) chemical for STP and filling in tanks of STP, 1.00 liter in each tank. The contractor shall submit fortnightly report on the treated water quality as per item 2 given above.

26 **Preventive Maintenance Schedules :**

i) For all electrical motors, pumps, air blowers, diffused air membrane aeration system or any other mode of aeration system deployed, sluice valves, Motorized control center, transponders if any, chlorinating device and all other electrical and mechanical equipments, fixtures and fittings shall be subjected to preventive maintenance and for this a Computerized Planned Preventive Maintenance Schedule shall be got prepared by the Contractor and got approved by the Engineer-in-charge be systematically practiced and implemented by the Contractor. All such preventive maintenance schedules carried out shall be entered in the computer file and also hard copies shall be submitted to the engineer-in-charge every month. A list of chemicals used per day and total chemicals used per month shall be supplied to the Engineer-in-charge in the form of a spread sheet statement and the data recorded in computer file.

ii) A statement showing all the actual hours of working of all electrical motors and the energy consumed for each motor and the total energy consumed per month shall be supplied to the Engineer-in-charge.

- iii) A monthly spread sheet statement shall be submitted by the contractor showing the daily quantum of treated effluent supplied per day from the Sewage Treatment Plant to the Land. This data shall also be stored in computer file. The contractor shall take prior approval of Engineer-in-charge in writing for providing any damaged spare part for any equipment. An inventory of preventive maintenance and breakdown maintenance works carried out which necessitated changing of spare parts for any equipment shall be supplied every month by the contractor to the engineer-in-charge.
- iv) All necessary materials for the smooth operation of the plant and carrying out all maintenance works shall be provided by the contractor. At no time the running of plant or other works such as cleaning, lubrication, lighting etc., should be hampered for want of materials.
- v) The contractor shall also submit fortnightly test report from approved laboratory and/or from NIT environmental engineering lab for parameters of concerned to confirm the performance of STP in accordance to the tender.
- vi) Malperformance of STP shall result in levy of penalty. On such events the Contractor shall furnish a written explanation furnishing the causes and corrective measures taken to restore satisfactory performance of the plant. Such reports shall also be computerized and a hard copy submitted to the engineer-in charge may arrange for inspection of plant by an expert in wastewater treatment if need be to avoid such incidents and cost there of shall be recovered in monthly bill payable to Contractor.

PROFORMA OF SCHEDULE

SCHEDULE–A

The Bill of Quantities enclosed separately along with Tender (Financial bid)

SCHEDULE–B

NO MATERIAL SHALL BE ISSUED TO THE CONTRACT OR BY CENTRAL UNIVERSITY OF RAJASTHAN

SCHEDULE–C

Schedule of tools and plants proposed to be hired to the contractor.

NO TOOLS AND PLANTS SHALL BE HIRED TO THE CONTRATOR .

SCHEDULE–D

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

1. No labour shall be permitted to stay in the campus
2. All debris obtained from dismantling the existing structure should be removed from site of work before start of work.

CLAUSE–10 CC

Clause 10CC of General Conditions of Contract is not applicable to this work.

SCHEDULE–F

Reference to General conditions of contract

Name of work : “Operation & Maintenance of Sewage Treatment Plant at Central University of Rajasthan .”

- i) Earnest Money Deposit : Rs. 9000/-
- ii) Security Deposit : 5% of each running bill
- iii) Performance Guarantee Deposit : 5% of tendered value.

General Rules and Directions:

Officer inviting tender

Registrar, Central University of
Rajasthan

Definition

1	Engineer in charge	Executive Engineer Registrar, Central University of Rajasthan
2	Accepting authority	
3	Department	Estate department,
4	Standard CPWD contract form	CPWD 8 as modified and Corrected upto till date.

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Clause1

1.	Time allowed for submission of Performance Guarantee from the date of issue of letter of acceptance in days.	7 (Seven) Days
2.	Maximum allowable extension beyond the period provided above	7 (Seven) Days.

Clause2

Authority for fixing compensation under clause 2.

-
Registrar, Central University
of Rajasthan

Clause2a

Whether clause 2 a shall be applicable

Not applicable.

Clause5

Number of days from the date of issue of

Letter of acceptance for reckoning date of start

10 Days.

Time allowed for execution of work

12 Months

Authority to give fair and reasonable

Extension of work for completion of work

Registrar ,
Central University of
Rajasthan

Clause – 7

Gross work to be done together with net payment /
adjustment of advances for material

collected, if any, since the last such payments **Monthly** for
being eligible to interim payment.

Clause10CC

Clause 10CC is not applicable to this work

Clause11

Specification to be followed for execution of work

As per agreement

Clause16

Competent Authority for

Deciding reduced rates or

Reduction for no-compliance.

Registrar, Central University
of Rajasthan

Assistant Engineers retired from Government services that are holding Diploma will be treated at par with Graduate Engineers.

Clause 42: not applicable to this contract.

Annexure. - 1

1. Penalty and Liquidated Damages:

- a) A penalty of Rs. 500/- per test will be deducted from the bill, if the monthly sample is found not conforming to the specified parameters on testing from any approved lab. The contractor is not permitted to choose the laboratory.
- b) A penalty of Rs. 1000/- per month will be deducted from the bill for the months when test Certificate from lab approved by is not submitted.
- c) A penalty of Rs. 500/- per 8 hours shift will be deducted from the bill for each day when the skilled Operator is not provided.
- d) A penalty of double the quoted cost of chemical will be deducted if the chemicals are not brought to site for using at the plant. Chemicals will be paid separately as per the approved rates.
- e) A penalty of Rs. 500/- per hour will be deducted from the bill for non-working or unsatisfactory-working of the plant due to contractor's mistake.

Financial Bid (BOQ) for STP (Capacity 750 KLD)

Name of work: Annual Contract for Operation & Maintenance of 750 KLD capacity Sewage Treatment Plant at Central University of Rajasthan.

S.No.	Description of items	Quantity	Unit	Rate	Amount
1	Operation of 750 KLD capacity STP plant has to be manned and operated round the clock with qualified/skilled personnel.	12	Job per month	32145 =(9178+1537)x3	385740
2	Providing Nature Suraksha Decomposer cum Deodourizer Liquid(NDSL) chemical for STP and filling in STP tanks, 1.00 litre in each tank daily as per directions of the Engineer-in - charge	720	litre	250	180000
3	Other service Charges per month for repairs, maintenance, spares, oils, treated water sample testing, taxes etc. complete	12	month	14144.00 =(32145+60x250) X 30%	169728

Total Amount (In words)

Total Amount (In Figures)

NOTE: - Quoted amount shall include all taxes and all other costs etc. complete.

SIGNATURE WITH SEAL

Name _____

Designation _____

Mobile No. _____

Name of work: Annual Contract for Operation & Maintenance of 750 KLD capacity Sewage Treatment Plant at Central University of Rajasthan.

S.No.	Description of items	Quantity	Unit	Rate	Amount
1	Operation of 750 KLD capacity STP plant has to be manned and operated round the clock with qualified/skilled personnel.	12	Job per month	32145	385740
2	Providing Nature Suraksha Decomposer cum Deodourizer Liquid(NDSL) chemical for STP and filling in STP tanks, 1.00 litre in each tank daily as per directions of the Engineer-in - charge	720	litre	250	180000
3	Other service Charges per month for repairs, maintenance, spares, oils, treated water sample testing, taxes etc. complete	12	month	14144.00	169728

Total Amount = Rs.735468/-

Work is technically sanctioned for Rs.7,35,468/- (Seven lac thirty five thousand four hundred sixty eight only)

TS No.08 /TS/Estate/CURaj/2016-17 dated 06.01.2017

Junior Engineer
Central University of Rajasthan

Executive Engineer
Central University of Rajasthan