

Punjabi University Patiala.  
(Construction Wing)  
**E-Tender Notice**

E-Tenders on Above or below or At par the DNIT amount basis through electronic tendering process are invited by the undersigned from the approved Firms/Agencies who are specialized in designing, Providing and Installation of STP/ ETP (Enlisted with any state /central Govt. Department /PSU (Department means dealing with Public Health Engineering Works) fulfilling the eligibility criteria mentioned herein which shall be uploaded & received on <https://tenderwizard.com/PUNJAB>

1. Last date and Time for receipt of Tender online : **02-01-2024 17:00**
2. Time and date of opening Technical bids : **03-01-2024 11:00 AM**
3. Time and date of opening Financial bid : Financial bid will be open after Evaluation of Technical bid.

Sr. No.	Description of work.	Estimated Cost.	Earnest Money.	Tender s fees	Bid process ing Fee.	Completi o n period in months.
1.	Design, Supply, construction, Installation, testing & commissioning of 100 KLD STP (Ewaltz/Ion Exchange/Thermax/C-Tech/Veolia/ Xylem based on SBR technology (Including Civil works (tanks, foundations, waterproofing etc), Mechanical work, electrical work including PLC, MCC panel, interconnecting cable, instrumentation work, interconnecting piping & valve and trail run & commissioning work at Punjabi University, Patiala	76,29,220-00	1,52,600/-	2360/-	5900/-	7 Months

Aspiring Tenders who have not obtained the User ID and password for participating in e-tendering may obtain the same by registering in the e-procurement portal, <https://tenderwizard.com/PUNJAB> The Tenderers once registered can participate in any of the department tenders of Government of Punjab. For any clarification contact 9257209340, 0172-3934667, 8146699866 or E-mail : [etenderhelpdesk@gmail.com](mailto:etenderhelpdesk@gmail.com), [pavitar.s@etenderwizard.com](mailto:pavitar.s@etenderwizard.com)

**All other details can be seen in the bidding document.**

**Terms and conditions:-**

1. The Tender Fees & Earnest Money (separately) should be paid through e-payment (Internet Payment Gateway (Debit & Credit), Net banking & National Electronic Funds Transfer) only.
2. Bid Processing fee should be paid through e-payment (Debit/Credit or Net banking only).
3. In case Earnest Money, Tender Processing Fees and Bid Processing Fees are not deposited, the bids will not be considered and rejected straightaway.
4. **The Tender documents shall be uploaded in 2 folders.**
  - (i) **Folder-A:** Shall contain pre qualification documents such as Registration, PAN, GST No., Income Tax Return, Labour Registration, EPF Registration, Experience and Non Black list Self certificate etc. uploaded on website.
  - (ii) **Folder-B:** shall contain financial bid on the prescribed form.
5. **The folder-A:** Shall be opened only of those Tenderers whose earnest money is found to be in order.
6. **The folder-B:** Shall be opened only of those contractors who will be found technically qualified for the work.
7. The tender will be opened in the office of the Executive Engineer Punjabi University Patiala.
8. Corrigendum /Addendum/Corrections, if any will be published in the web site only. Firm/ Tenderer shall continue to check the web site <https://tenderwizard.com/PUNJAB>
9. **The rates quoted in the tender document are inclusive of transportation, royalties, all taxes, GST, labour cess, octroi or any other taxes as applicable by the State/ Central / Municipal Corporation etc. complete in all respect. All deductions as applicable by law/ norms shall be applicable on the quoted rates.**

## PRE-QUALIFICATION REQUIREMENTS:-

1. 'A' Class Enlisted with any state /central Govt. Department /PSU (Department means dealing with Public Health Engineering Works.
2. The Bidders will have to provide PAN and GST No., Labour Registration and EPF registration certificate.
3. As a proof of Technical experience bidder/firms shall submit successfully completed works from any Public works organization such as CPWD, PWD, MES, Border roads organization (BRO) Public Sector undertaking etc. setup by the Central or State Government or any other Central/ State organization/ PSU/ Private which may be notified by the Ministry of Urban Development.
  - (i) **One Similar work 80% of tender amount in last five years.**
  - or
  - (ii) **Two Similar works of 50% each of tender amount in last five years.**
  - or
  - (iii) **Three Similar works of 40% each of tender amount in last five years.**
4. The Firm/Agencies shall have to produce the proof of Information regarding arbitration if entered by the firm in any work will also be supplied.
5. The Bidders/firms shall submit copies of income tax return for the last 2 years.
6. The Tenderers /Firms shall submit Self certification that they have not been debarred/black listed by any Govt/Semi Govt. Organization or any Corporation at any stage.

## TERMS AND CONDITIONS:-

1. Conditional tender or tenders without earnest money are liable to be rejected.
2. If there is holiday on the receipt/opening day of the tender, the tender shall be received/ opened on the next working day at the same time and at the same place.
3. The Engineer in charge reserves the right to reject any or all the tenders. He also reserves the right to reject the tender as a whole or delete any item of the tender without assigning any reason before/after opening of the tenders and Tenderer shall have no right or any claim what so ever for the same on this account.
4. The quantity of any item of the work can be increased or decreased or deleted all together as per the requirement at site. The scope of work can be increased/ decreased. The contractors shall have no right of any claim what so ever for the same on this account.
5. Contractor shall require to registration of building and other construction workers under the Act as directions dated 18-01-2010 given by Hon'able Supreme Court in Writ petition (Civil) No. 318 of 2006 titled as National Complain Committee of Central Legislation on Construction Labour versus Union of India and others and extension of benefits to such Registered workers under this Act.
6. Firm /Tenderers will sign. Contract agreement on non Judicial stamp paper of Rs. 100/- with the Registrar Punjabi University Patiala within 15 days of issue of this letter of allotment.
7. Cement and Steel will be used by the Contractor at site at his own cost of approved brand by University.
8. Firm/Agencies shall quote their rates on total amount mentioned in Price bid.
9. The equipment is warranted against fault workmanship and materials on an ex-works basis, for period of 2 years from date of startup.
10. Joint Venture Not permitted.
11. Documents of valid successful bidders will be verified with the original before signing the agreement. The valid successful bidder has to provide the originals to the concerned authority on receipt of such letter, which will be sent through registered post/e-mail.
12. In case of any dispute, the jurisdiction will be Patiala (Punjab) only.
13. In case of any clarification regarding tender contact Phone No. 0175-5136101
14. All the equipment/machinery supplied/ installed shall be guaranteed for 2 Years after the commissioning of work. All defects shall be rectified to the entire satisfaction of the Engineer-in-charge. Damaged or non-working parts shall be replaced at no extra cost to Punjabi University Patiala.
15. Electric Connection or generator set required for the execution of work shall be arranged by the Contractor/ bidder at his own expenses.
16. No claim shall be entertained if the work has to be curtailed/stopped/abandoned due to any unavoidable circumstances.
17. This notice of tender shall form part of the contract.
18. No claim shall be entertained on account of increase in freight, price of labour and material or levy of any fresh tax during the currency of work or due to any cause what so ever.

19. Actual quantities of completed/Accepted work will be paid for.
20. University will be at liberty to take samples from such material and get tested from the approved laboratory at the cost of the contractor and material shall be allowed to be consumed only if these tests conducted are in order.
21. The agency will arrange his own tools and plants and will make his own arrangement of water required for works i.e. for curing, watering earth before rolling etc., at his own cost. Nothing extra shall be paid for this purpose.
22. No carriage or incidental charges will be borne by Punjabi University, PATIALA on any account.
23. No claim what so ever shall be entertained for any loss or damaged caused by rains, flood or any other act of God.
24. The contractor shall be responsible for housing, sanitation; medical treatment of the labour employed on the work and shall carry out all the rules framed on the subject.
25. Any other taxes/levy shall be deducted as fixed by the Govt. from time to time from the running bills/payment of the contractor.
26. Validity of tender shall be 120 days.
27. In case of failure of power (Electricity) to generate the STP plant. Firm/Tenderer shall store at atleast 50 Litres Diesel at STP site, However diesel will be provided by the Firm/Tenderer and payment of the same will be made by the University after submitting bills by contractor.
28. The power shall be supplied by the department free of cost for running the plant.
29. The contractor should have all tools and plants and all consumable items to keep the plant neat and clean.
30. The contractor will be responsible for smooth and trouble free running of the system.
31. The firm will supply the roster of employed staff to the dept. and will paste the same at the plant.
32. Only authorised persons of the contractor will be allowed to enter the plant. For this Purpose contractor will provide badges to his workers.
33. The plant will be operated all the 365 days of year (including Sundays and Gazetted holidays).
34. Number of staff at site may be increase or decrease according to requirement of the University.
35. Firm/Tenderer shall be submitted bill for Payment on quarterly basis.
36. All the equipments, material, spare parts, oil, grease etc. whatever required is to be provided by the Firm/Tenderer's own cost.
37. The Firm/Tenderer should submit the preventive maintenance schedule for University approval and its implementation.
38. Dismantled / replaced parts should be handed over to University Engineer in-charge or its representative.
39. The contract employees should be covered under all statutory requirements like ESI, PF, etc. by the Firm/Tenderer shall comply with all the formalities in this regard. Copy of challan and Schedule of Firm/Tenderer Employees for payment of ESI/PF etc. (whether running/ monthly or final) bills.
40. The Firm/Tenderer should provide PF A/c number, ESI Card and Photo Identity Card to the contract employees posted at University. This should be done immediately but not later than one month from the date of signing joint agreement.
41. The Firm/Tenderer shall take necessary insurance to cover the entire workmen's compensation act and also in respect of any other person on account of accident at site.
42. The Firm/Tenderer shall have to make own arrangements for the accommodation of his staff outside the premise of University.
43. Work involves operation and maintenance of pumping station, Sewage Treatment Plant, Filtration Plant, Pump Set, spare and Electric Driven Pump Set, etc.
44. Subletting - contract shall not be assigned or sublet to any other party by contractor.
45. The firm shall rectify any breakdown within 24 hours failing which penalty for non-performance @ 0.5 % per week of delay subject to a maximum of 10% of the contract price will be imposed and in the event of any damage to the property or life or any machinery and installation in the Pumping station & STP arising out of non-performance or negligence of the workers, contractor will be solely responsible. The contractor shall be responsible for proper maintenance of decorum, punctuality, discipline and work out put etc.

46. The Firm/Tenderer will immediately replace any employee found to be unfit in any manner immediately or on receipt of advice from any authorized person in University.
47. It is understood and agreed that the Firm/Tenderer will provide badges/ID cards with photos and safety equipment and shoes to their employees.
48. It is Firm/Tenderer responsibility to have them periodically checked medically so as to ensure that medically fit staff only is deployed for the work.
49. The Firm/Tenderer shall maintain a muster roll, wages register of all men employed by them and all other documents and submit it to the University on the 1st of every month for the previous month or as necessary for inspection. The Firm/Tenderer shall provide all facilities for inspection/ books/ personnel on demand by University or any Statutory Employer.
50. At any point of time, there must be a minimum of 90% attendance in each shift. Any absence or shortage beyond this may be managed by giving over time; shortage or absenteeism less than 90% in shift shall be penalized including termination of the contract. All the posts should be filled at any given point of time. No post should be kept vacant due to absenteeism.
51. It is clearly understood and agreed upon that neither the contractor nor contract employees shall have any claim on employment with University at any point of time nor this arrangement is purely between the contractor and the University for specific services for the period specified.
52. The contractor shall follow all rules as may be existing or may be framed from time to time at University on all aspects covering this tender. Material movement, entry/exit of personnel, identity card, safety, etc. shall be according to procedures existing in University as amended from time to time.
53. The contractor shall keep a suggestion box to record any suggestion/complaints on performance of services, by the University members & guests and produce to University or its representatives for perusal during their visit to ensure that prompt action has been taken on such complaints and measures taken to avoid their re-occurrence. The contractor shall attend to all the complaints and address as early as possible to the satisfaction of University. The contractor is to sit for monthly meetings with Engineer-in-Charge.
54. The contractor shall follow all security rules of the University and instructions received from time to time regarding issue of identity cards, all material movements (incoming and outgoing).
55. **Collection of sample Sewage from individual units at the point of discharge to final disposal point , conducting tests on them to ascertain that these are within the standards fixed by PPCB (Punjab Pollution control board) informing University of the results and initiating remedial action.**
- i) Pumping machinery and treatment plant equipment**
- **Dewatering and de-silting of sludge sump, chlorination tank, chemical dosing tanks at least twice a year as per approved programs and disposal of silt.**
  - **Cleaning and maintaining all rising mains/ sewers in the plant area at adequate intervals as desired by Engineer-in-charge.**
  - **Repairing and replacing damaged pipes, fittings and valves for suction and delivery pipe.**
  - **Repairing and replacing pump impellers, body, bearings, and shaft column pipes.**
  - **Repairing and replacing motors**
  - **Repairing and replacing starters, circuit breakers, capacitors**
  - **Repairing and replacing valves and or gears of agitators.**
  - **Repairing and replacing transformers**
  - **Repairing and replacing of blowers, diffusers, chlorinator, chemical dosing equipment etc; etc.**
  - **Any all maintenance of the STP plant not limited to above mentioned works.**

The contractor shall carry out all reporting indicated below and as set out in this contract. The reporting shall include, but not limited to the following :

- Daily summary of operations at pumping station----A daily report providing information at pumping station on the hours of pumping quantity of sewage pumped and energy consumed during the day.
- Daily summary of operations of sewage treatment plant---A daily report of operation of the air blowers and other equipment at the sewage treatment plants providing information on the quantity of sewage treated, hours operation of equipment, energy consumed and use of chemicals.

- Sewage quality monitoring ----A daily report monitoring the quality of raw and treated sewage through the analysis of samples.
  - Sewer/Storm water drains/wet well and other units etc---- Monthly cleaning report sewer/storm water drain de-silted and record of silt disposed at disposal sites.
56. The contractor shall maintain properly and keep intact all assets/work facilities/system of the Employer throughout the contract period and shall hand over the same in good working condition at the end of the Contract. The contractor shall not modify or alter any operations regarding the facilities and or system without prior written permission of the University or its representatives.  
The contractor shall procure all spare parts required for the maintenance of the equipment. The contractor shall warrant to the effect that all the spares shall be procured from the authorized sources and be of the best quality and fit for the purpose for which it is being used.
57. The contractor is expected to carry out the work in such a manner so as not to cause any damage to University property on account of negligence or otherwise. The contractor shall be fully responsible for making good the damages so caused by him entirely at his own cost.
58. The assets/works/facilities/systems of Employer shall be at risk and in the sole charge of the contractor and it shall be responsible for making good any loss or damage there to arising from any cause whatever including that due to a theft or robbery.
59. The contractor shall carry out its operations, so far as compliance with the requirement of the contract permits, so as not to interfere unnecessarily or improperly with:
- The convenience of the University employees and students
  - The access to use and occupation of roads.

**Permissions:** The contractor shall obtain all required permissions, sanctions clearances and permits for carrying out its operations, including contractor clearances and shall be fully responsible for carrying out the operations in a safe and secure manner, consistent with the law of the land, laws and regulations regarding such facilities and or system and directives of any Employer and planning permissions.

**Safety:** The contractor shall be responsible for the safety of all the activities on the site and shall be absolutely and solely responsible for any and all kinds of injuries or damages to persons and property of any description whatever may be caused by or result from the operations carried out, whether these may have been carried out skillfully and carefully and strictly in conformity with the provision of the specifications or not.

The contractor shall be responsible for the safety of all the activities on the site and shall be absolutely and solely responsible for any and all kinds of injuries or damages to persons and property of any description whatever may be caused by or result from the operations carried out, whether these may have been carried out skillfully and carefully and strictly in conformity with the provision of the specifications or not.

The basis for applying penalties is to restrict Contractor from deviating from disposing all raw/treated waste water efficiently from the service area-as per fixed schedule and as per stipulations prescribed in the tender.

The contractor is also expected to carry out the instructions of the Engineer or its representatives from time to time, maintain the system in accordance with good operating practices attend to customer complaints refrain from offering operations without due authorization where so required and follow other requirements under this contract.

The contractor shall be subject to the following liquidated damages and penalties for its failure to carry out its operation as indicated below:

Basis of penalty	Penalty Benchmark	Penalty value
Failure to maintain BOD/COD/SS/pH level within prescribed limits. Detected as per reports of daily samples sent to PPCB by the Employer and outlet quality to be achieved as per tender provisions.	Up to 2 occurrences/ month	-----
	2 to 5 occurrences/month	Penalty will be imposed by University.
	5 to 10 occurrences/month	Penalty will be imposed by University.
	Above 10 occurrences/month	Termination
Increasing power consumed: The contractor has to establish and get approved from the Engineer the maximum guarantee power consumption for entire operations	For power increased beyond current base level based on wastewater discharge schedules and persisting over a two-month billing period.	Rs 5.5/ KWH on additional power consumption. Or prevailing billing tariffs rates applied by PPCL whichever is higher.
When a generator is used the electricity consumption shall be determined as follows: Electricity consumption 9KWH+1.10 times the Electricity Equivalent of diesel consumed (KWH)		
Inadequate maintenance of facilities/system	For each case detected	-----
Inappropriate de-silting of sewers and clearing of silt in premises.	Per Occurrence	Penalty will be imposed by University.
Inadequate contingency plan.	For each case submitted	-----
Delay in recording wet well levels, energy meter reading power failure time of diesel consumption.	Per occurrence	Penalty will be imposed by University.

**Qualification of Staff:**

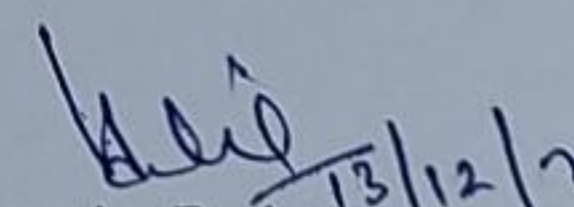
Qualification for Technicians (Skilled): - Minimum 3-year experience in handling STP plant operational and maintenance work. Having ITI (electrician , Diesel mechanic) will be given preference.

Qualification for Helper (Semi skilled): - Minimum 2-year experience in handling STP plant operational and maintenance work.

Currently, to maintain the STP facility, the following work force is envisaged.

Skilled Technician - 2 Nos.

Unskilled Technician - 1 No.

  
 Executive Engineer  
 Punjabi University,  
 Patiala. H. Kaur  
 o/c  
 13/12/23.