

(An autonomous Institute of Dept. of Biotechnology, Ministry of Science & Technology, Govt. of India)
Bioscience cluster 3rd mile stone Faridabad Gurgaon Expressway, Faridabad.

PHONE No: 0129-2876426 FAX: 0129-2876 402 Web Site: www.thsti.res.in

Bid DOCUMENT

FOR

Design, Supply, Installation, Testing, Commissioning (DSITC) of 25 KLD packaged type Effluent treatment plant on Turnkey Basis and its Day to-day operations and Comprehensive Maintenance at the NCR Biotech Science Cluster, Faridabad

(Tender No.: THS.E.101.21-22/....)



NOTICE INVITING e-TENDER

IF THERE IS DIFFERENCE IN ANY INFORMATION/DATA MENTIONED IN THE TENDER DOCUMENT AND UPLOADED IN GEM PORTAL, THE INFORMATION/DATA UPLOADED IN GEM PORTAL SHOULD BE TREATED AS FINAL.

Tender Reference No: THS.E.101.21-22

Dated: 11-10-2021

On behalf of the Executive Director, THSTI, Faridabad, Haryana, INDIA, online bids are invited under two bid system from reputed contractors for the award of work for the **“Design, Supply, Installation, Testing, Commissioning (DSITC) of 25 KLD packaged type Effluent treatment plant on Turnkey Basis and its Day to-day operations and Comprehensive Maintenance at the NCR Biotech Science Cluster, Faridabad”.**

| | |
|---|--|
| Name of work | Design, Supply, Installation, Testing, Commissioning (DSITC) of 25 KLD packaged type Effluent treatment plant on Turnkey Basis and its Day to-day operations and Comprehensive Maintenance at the NCR Biotech Science Cluster, Faridabad |
| Estimated cost | Rs.14,45,500 /- |
| Period of contract | 45 Days |
| Earnest Money Deposit to be submitted | NIL (BID Declaration Certificate) |
| Date of Publishing | 11.10.2021 (15:30 Hrs.) |
| Pre-bid meeting Date and Time | 20.10.2021 (11.00 Hrs.) |
| Clarification (if any) End Date and Time | 25.10.2021 (15:30 Hrs.) |
| Bid Submission Start Date | 11.10.2021 (16:30 Hrs.) |
| Queries (If any) | N.A. |
| Last Date and time of uploading of Bids | 09.11.2021 (15:00 Hrs.) |
| Date and time of Online opening of Technical Bids | 09.11.2021 (15:30 Hrs.) |
| Date and time of Online opening of Financial Bids | Will be intimated separately on GEM Portal |

NOTE: IF THERE IS ANY DIFFERENCE IN DATE AND TIME MENTIONED ABOVE AND MENTIONED ANY WHERE IN TENDER DOCUMENT, THE ABOVE DATES SHOULD BE TREATED AS FINAL.

Interested parties may view and download the tender document containing the detailed terms & conditions from the GEM Portal.

MANUAL BIDS SHALL NOT BE ACCEPTED

Bidders should regularly visit the website to keep themselves updated.

INSTRUCTIONS FOR ONLINE BID SUBMISSION

The bidders are required to submit soft copies of their bids GEM Portal. The instructions given below are meant to assist the bidders in registering on the GEM Portal, prepare their bids in accordance with the requirements and submitting their bids online on the GEM Portal.

REGISTRATION

- (i) Bidders are required to enrol on the e-Procurement module of the Government e marketplace Portal by using the “Online Bidder Enrolment” option available on the home page. **Enrolment on the GEM Portal.**
- (ii) During enrolment/registration, the bidders should provide the correct/true information including valid email-id & mobile no. All the correspondence shall be made directly with the contractors/bidders through email-id provided.
- (iii) As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
- (vii) Bidders can then log into the site through the secured login by entering their user ID / password and the password.

SEARCHING FOR TENDER DOCUMENTS

1) There are various search options built in the GEM Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, organization name, location, date, value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as organization name, form of contract, location, date, other keywords etc. to search for a tender published on the GEM Portal.

2) Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. This would enable the GEM Portal to intimate the bidders in case there is any corrigendum issued to the tender document.

3) The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.

SUBMISSION OF BIDS

- i) Bidder should log into the site well in advance for bid submission so that he/she upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
- ii) While submitting the bids online, the bidder shall read the terms & conditions (of GEM portal) and accepts the same in order to proceed further to submit their bid.
- vii) Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document. For the file size of less than 1 MB, the transaction uploading time will be very fast.
- viii) Bidders shall submit their bids through online e-tendering system to the Tender Inviting Authority (TIA) well before the bid submission end date & time (as per Server System Clock).

The TIA will not be held responsible for any sort of delay or the difficulties faced during the submission of bids online by the bidders at the eleventh hour.

- ix) After the bid submission (i.e. after Clicking “Freeze Bid Submission” in the portal), the bidders shall take print out of system generated acknowledgement number, and keep it as record of evidence for online submission of bid, which will also act as an entry pass to participate in the bid opening.
- x) Bidders should follow the server time being displayed on bidder’s dashboard at the top of the tender site, which shall be considered valid for all actions of requesting, bid submission, bid opening etc. in the bid system.

ASSISTANCE TO BIDDERS

1) Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender. The contact number for query related to tender document is 0129-2876421 (10:00 AM to 5:00 PM), Email: engineering@thsti.res.in

2) Any queries relating to the process of online bid submission or queries relating to GEM Portal in general may be directed to the 24x7 GEM Portal Helpdesk. Toll free number 1800-419-3436.

TRANSLATIONAL HEALTH SCIENCE AND TECHNOLOGY INSTITUTE
NCR-Biotech science cluster, 3rd mile stone, Faridabad Gurgaon Expressway, Faridabad

Tender Notice

Online bids are invited from eligible bidders for the work of **Design, Supply, Installation, Testing, Commissioning (DSITC) of 25 KLD packaged type Effluent treatment plant on Turnkey Basis and its Day to-day operations and Comprehensive Maintenance at the NCR Biotech Science Cluster, Faridabad** The online bids complete in all respect along with a scanned copies of the documents respectively must be uploaded & submitted at the GEM portal on the date of the closing of the bids.

The tender document along with other details may be downloaded from the GEM Portal:

Sd/
Engineer-In-Charge

Dated: - 08.10.2021

INSTRUCTIONS TO THE BIDDER

Translational Health Science and Technology Institute (THSTI) is an autonomous institute of Deptt. of biotechnology, Ministry of Science & Technology, Govt. of India located in NCR-Biotech science cluster 3rd mile stone, Faridabad Gurgaon Expressway, Faridabad, Haryana.

INSTRUCTION TO THE BIDDER

1 Preparation and Submission of Bids

- a. The detailed tender documents may be downloaded from GEM Portal till the last date of submission of tender. The Tender may be submitted online through GEM Portal.
 - b. The bidder should submit the bid online as per GEM Portal.
2. **Submission of the Bid:** All interested eligible bidders are requested to submit their bids online On GEM Portal as per the criteria given in this document:
- i. Technical Bid & Tender Fee should be upload online in cover 1.
 - ii. Commercial Bid should be upload online in cover 2.

Both Technical and Commercial Bid covers should be placed online on the GEM Portal

3. **Technical Bid:** Signed and scanned copy of the Technical bid documents as under must be uploaded & submitted online on GEM Portal.

List of Documents to be scanned and uploaded (Under Cover 1) within the period of bid submission: -

- i. Copy of board resolution / Power of Attorney / Authorization letter indicating that the person signing the Bid has the required authority to sign on behalf of the Bidder and Copy of Memorandum of Association & Article of Association of the Bidder.
- ii. A brief write-up about the Bidder profile containing details about its areas of business(es), technical / core competencies, financial capacity, an outline of recent experience on assignments of similar nature.
- iii. The following documents are to be submitted online with the bid in respect of proof of satisfaction of the eligibility conditions laid down in the Tender document:
 - **Average annual financial turnover of not less than the amount equal to 50% of the estimated cost of tender during the immediate last three consecutive financial years**
 - **Attested certificate of work experience (Completion certificate) of similar nature of work during last seven years as desired.**
 - **All documents (Solvency, Turnover, experience etc.) mentioned in qualification criteria.**
 - **Signed form of acceptance of terms & conditions of item rate tender (CPWD-8 at p.no 14).**
 - **Certificate of Registration for GST and acknowledgement of up to date filed return.**
 - **PAN No.**
 - **Duly signed Integrity Pact (as annexed p.no. 16)**
 - **Duly signed BID declaration certificate.**

3. Financial Bid:

- a. The currency of all quoted rates shall be Indian Rupees. All payment shall be made in Indian Rupees.
 - b. In preparing the financial bids, bidders are expected to take into account the requirements and conditions laid down in this Tender document. The financial bids should be uploaded online as per the specified bid format of tender document with the tender and based on the scope of work, conditions and other terms of the Tender document. It should include all costs associated with the Scope of Work of the assignment.
 - c. The Financial Proposal should be inclusive of all applicable taxes, duties, fees, levies, and other charges imposed under the applicable laws. The rates quoted in the Tender are inclusive of all applicable taxes, duties etc.
 - d. The Financial bid should be according to the format given in the Tender Document. It should be ensured that no required value against an item is missed. If the bidder does not want to charge for an item, the value must be filled as "0" (ZERO). All totals should be correct.
4. The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from website.
 5. Information and Instructions for bidders posted on GEMP/website shall form part of bid document. Bidders are advised to visit GEMP regularly for latest update.
 6. Online bid documents submitted by intending bidders shall be opened only of those bidders, who has deposited EMD declaration certificate and other documents scanned and uploaded are found in order.
 7. Those contractors not registered on the website mentioned above, are required to get registered beforehand. If needed they can be imparted training on online bidding process as per details available on the website.
 8. On opening date, the contractor can login and see the bid opening process. After opening of bids he will receive the competitor bid sheets.
 9. Contractor can upload documents in the form of JPG and PDF format.
 10. Contractor must ensure to quote rate of each item. The column meant for quoting rate in figures Appears in pink colour and the moment rate is entered, it turns sky blue. In addition to this, while selecting any of the cells a warning appears that if any cell is left blank the same shall be treated as "0". Therefore, if any cell is left blank and no rate is quoted by the bidder, rate of such item shall be treated as "0" (ZERO).
 11. When bids are invited in two / three stages systems and if it is desired to submit revised Financial bid it shall be mandatory to submit revised financial bid. If not submitted, then the bid submitted earlier shall become invalid.
 12. The department reserves the right to reject any prospective application without assigning any Reason and to restrict the list of qualified contractors to any number deemed suitable by it, if too many bids are received satisfying the laid down criterion.
 13. Upon the successful and timely submission of bids, the portal will give a successful bid Submission message & a bid summery will be displayed with the bid no. and the date & time submission of the bid with all other relevant details.
 14. The uploaded documents become readable only after the tender opening by the authorized bid openers.

OTHER INSTRUCTIONS TO THE BIDDERS

1. Last Date for Submission of Tender:

- a. Online bids complete in all respects, must be submitted on or before the last date and time specified in the schedule of events.

- b. The THSTI may, at its own discretion, alter/extend the last date for submission of tenders.

2. Bid Security

- a. Any Bid not accompanied by an acceptable Bid Security shall be summarily declared non-responsive and the envelope containing Technical Bid of such Bidder shall not be considered.
- b. The Bid Security of unsuccessful Bidders shall be returned without interest after finalization of the tender and that of the Successful Bidder shall be returned without interest, on receipt of Performance Bank Guarantee in accordance with the requirement of the Contract.

3. Bid Validity

- a. All the Bids must be valid for a period of 90 days from the last date of submission of the tender for execution of Contract. However, the quoted rates should be valid for the initial/ extended period of the Contract from the effective date of the Contract. No request will be considered for price revision during the entire Contract period.
- b. A bid valid for a shorter period shall be declared as non-responsive.
- c. In exceptional circumstances, prior to expiry of the original time limit, the THSTI may request the bidders to extend the period of validity for a specified additional period beyond the original validity of 90 days. The request and the bidders' responses shall be made in writing. The bidders, not agreeing for such extensions will be allowed to withdraw their bids without forfeiture of their Bid Security.

4. Modification / Substitution/ Withdrawal of bids:

- a. No Bid shall be modified, substituted or withdrawn by the Bidder after the Bid's Due Date.
- b. Any alteration/ modification in the Bid or additional information supplied subsequent to the Bid's Due Date, unless the same has been expressly sought for by the Authority, shall be disregarded.

5. Late Bids: The bid received by the THSTI after the prescribed deadline will be returned to the Bidder.

6. Rejection of the Bid: The bid submitted shall become invalid and tender fee shall not be Refunded if:-

- a. The bidder is found ineligible.
- b. The bidder does not upload all the documents as stipulated in the bid document.
- c. Non-submission of EMD Declaration and tender fee.
- d. THSTI reserve the right to ask original of any uploaded document during the tender processing and in case, any discrepancy is found in the uploaded and/or submitted documents the tender will be rejected without any notice.

Any discrepancy found in the uploaded and /or submitted documents and/or non receipt of above original documents as mentioned at 'e ' above the tender will be rejected without any notice and financial bid of such bidders will not be opened.

7. PRE QUALIFICATION CRITERIA

7.1 Bidder should have experience of having successfully completed similar works during last seven years ending on previous day of last day of submission of tender.

- a. Three similar completed works costing not less than the amount equal to **40%** of the estimated cost.
or
 - b. Two similar completed works costing not less than the amount equal to **60%** of the estimated cost.
or
 - c. One similar completed work costing not less than the amount equal to **80%** of the estimated cost.
- 7.2 The tenderer must be a GST registered firm / company. Sub-authorization is not accepted.
- 7.3 The tenderer should have had average annual financial turnover of not less than the amount equal to 50% of the estimated cost put to tender during the immediate last three consecutive financial years. The tenderer shall attach copy of audited/ITCC Certificate for the last three years duly attested by Chartered Accountant. The tenderer should submit balance sheet and Profit & loss account duly attested by chartered accountant for the preceding three financial years **(Copy enclosed)**.
- 7.4 The tenderer is required to produce and attach solvency certificate for value not less than the amount equal to 40% of the estimated cost put to tender from the scheduled bank duly attested by the Chartered Accountant or Senior Branch Manager of the scheduled bank. The certificate should not be more than six months old from the date of publication of tender **(Copy enclosed)**.
- 7.5 Similar works mean: **“Bidder/Contractor/Vendor must have experience in setting up of Effluent Treatment Plant (ETP)”** Construction in any Govt. Dept./PSU's/Private Sectors **(completion certificate to be enclosed)**. In case of issue of completion certificate by private sector the agency has to submit **TDS certificate** along with the completion certificate in evidence of the value of work done. The completion certificate issued by Private sector without TDS certificate shall not be considered **(Copy enclosed)**.
- 7.6 The firm should not have been blacklisted, debarred, declared non performer or expelled from any work of Union Government / State Governments/ PSUs / private sectors etc. They should also submit a self-declaration on its letter head for the same. The firm should also provide information regarding litigation / arbitration cases if any **(Copy enclosed)**.
- 7.7 The tenderer may visit / examine the site and its surrounding to assess the accessibility and assess the scope of work before submitting their offer. No claims later on shall be entertained. The tenderers shall arrange & maintain at his own cost all materials, T & P, Water and facility for workers for executing the work **(Copy enclosed)**.
- 7.8 Small scale Industries registered with the national small scale industries corporation shall **be exempted** from payment of tender cost deposit as per eligibility limits with submission of valid documents and required to pay the requisite tender fee as per the NIT **(Copy enclosed)** .
- 7.9 The work shall be executed / customized at site as per the instructions of Engineer-in-Charge.
- 7.10 Joint Ventures are not permitted.

8. SUBMISSION OF BIDS:

- a. The bidder shall upload the online payment receipts towards EMD along with the other documents as desired, in the technical cover on the online GEM portal.
 - b. The bidders are required to submit the bid online on the GEM portal only. No manual bids are allowed.
9. **The intending bidder must read the terms and conditions carefully** which will be the part of the Contract. He should only submit his bid if he considers himself eligible and he is in possession of all the documents required.
 10. But the bid can only be submitted after uploading the mandatory scanned documents.
 11. The price bid of will be opened of technically qualified bidders as per the prequalification criteria & presentation if required as per THSTI requirement.
 12. The successful bidder shall be required to submit a performance guarantee of 3% of the tendered amount in the form of Bank Guarantee or F.D.R. from a Nationalized / Scheduled Bank within 10 days of issue of letter of intent before award of work. In case of failure by the Contractor to submit the performance guarantee within the specified period, full earnest money will be forfeited and the tender shall be treated as null and void. **The performance guarantee shall be initially valid up to the stipulated date of completion plus 60 (Sixty) days beyond that.**
 13. **THSTI is committed to follow the principle of transparency, equity and competitiveness In public procurement. Before submission of bid each bidder should sign integrity pact at respective places and submit the bid. If duly signed integrity pact is not submitted by bidder, such bid shall not be considered.**

NOTICE INVITING e-TENDER

1. On behalf of the Executive Director, THSTI, Faridabad, Haryana, INDIA, online bids are invited under two bid system from reputed contractors for the award of work for the **“Design, Supply, Installation, Testing, Commissioning (DSITC) of 25 KLD packaged type Effluent treatment plant on Turnkey Basis and its Day to-day operations and Comprehensive Maintenance at the NCR Biotech Science Cluster, Faridabad”**.
2. The work is estimated to cost Rs.14,45,500 /-. This estimate, however, is given merely as a rough guide.
3. The authority competent to approve NIT for the combined cost and belonging to the major Discipline will consolidate NIT's for calling the tenders. He will also nominate Division which will deal with all matters relating to the invitation of tenders. For composite tenders, besides indicating the combined estimated cost put to tender, should clearly indicate the estimated cost of each component separately. The eligibility of tenderer will correspond to the combined estimated cost of different components put to tender.
4. The tenders to be submitted online by the eligible contractor provided they having definite proof from the appropriate authority, which shall be to the satisfaction of the competent authority of having satisfactorily completed similar works of magnitude as specified in the advertisement.
5. Agreement shall be drawn with the successful tenderer on prescribed Form No. CPWD - 8 which is available as a Govt. of India publication. Tenderer shall quote his rates as per various terms and conditions of the said form which will form part of the agreement.
6. The time allowed for carrying out the work will be Thirty Days from the date of start as defined in the 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.
7. The site for the work is available.
8. Tender documents consisting of plans specifications, the schedule of quantities of various items of work 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 IEE between hours of 11.00 a.m. & 4.00 p.m. every day except on Saturdays/Sundays and public Holidays.
9. The contractor, whose tender is accepted, will be required to furnish performance Guarantee of 3% (Three percent) of the tendered amount within the period specified in Schedule 'F'. This guarantee shall be in the form of cash (in case guarantee amount is less than Rs. 10,000/-) or Deposit at call receipt of any scheduled bank/Banker's cheque of any scheduled bank / Demand draft of any scheduled bank/pay order of any scheduled bank (in case guarantee amount is less than Rs. 1, 00,000/-) or Government securities of Fixed deposit receipts or Guarantee bonds of any Scheduled bank or the State Bank of India in accordance with the prescribed form.
10. Description of work is given at page No. 1 may be seen. Copies of other drawings and documents pertaining to the works will be open for inspection by the tenderers at the office of the above mentioned officer. Tenderers are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders as to the nature of the ground and sub-soil (so far as 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 tender. A tenderer shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charges consequent on any misunderstanding or otherwise shall be allowed. The tenderer shall be responsible for arranging and maintaining at his own cost all materials, tools and pants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract

documents. Submission of a tender by a tenderer 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 plants etc. will be issued to him by the THSTI and local conditions other factors having a bearing on the execution of work.

11. The competent authority on behalf of Executive Director, THSTI does not bind itself to accept the Lowest or any other tender and reserves to itself the authority to reject any or all tenders received without assignment of any reasons. All tenders in which any of the prescribed condition is not fulfilled or any conditions including that of conditional rebate is put forth by the tenderer shall be summarily rejected.
12. Canvassing whether directly or indirectly, in connection with tenders is strictly prohibited and the Tenders submitted by the contractor who resorts to canvassing will be liable to rejection.
13. The competent authority on behalf of Executive Director, THSTI reserves to himself the right of Accepting the whole or any part of the tender and the tenderer shall be bound to perform the same at the rate quoted.
14. The contractor shall not be permitted to tender for work in THSTI (responsible for award and Execution of contracts) in which his near relative is posted as an officer in any capacity. He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relative to any gazetted officer in the Institute. Any breach of this condition by the contractor would render him liable to be removed from the approved list of the contractors of this department.
15. No Engineer or other officer employed in Engineering or Administrative duties in the Institute is Allowed to work as a contractor for a period of one year after his retirement from service, without the previous permission of the Institute authorities in writing. The contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such person who had not obtained the permission of the Institute as aforesaid before submission of the tender or engagement in the contractor's service.
16. The tender for the works shall remain open for acceptance for a period of ninety (90) days from The date of opening of tenders. 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 deptt, then the Institute shall, without any other right or remedy, be at liberty to forfeit 50% of the said earnest money as aforesaid. Further the tenderer shall not be allowed to participate in the re-tendering process of the work.
17. This Notice Inviting Tender shall form a part of the contract document. The successful Tenderer / contractor, on acceptance of his tender by the Accepting authority, shall, within 15 days from the stipulated date of start of the work, sign the contract consisting of:
 - a. The Notice Inviting Tender, all the documents including additional conditions, specifications and drawings, if any, forming the tender as issued at the time of invitation of tender and acceptance thereof together with any correspondence leading there to.
 - b. Standard CWPDP form 8.

Engineer-In-Charge

For and on behalf of Executive Director, THSTI

CPWD – 8

TRANSLATIONAL HEALTH SCIENCE AND TECHNOLOGY INSTITUTE
NCR-Biotech science cluster, 3rd mile stone, Faridabad Gurgaon Expressway, Faridabad

FORM OF ACCEPTANCE OF TERMS AND CONDITIONS OF ITEM RATE TENDER

Name of work: Design, Supply, Installation, Testing, Commissioning (DSITC) of 25 KLD packaged type Effluent treatment plant on Turnkey Basis and its Day to-day operations and Comprehensive Maintenance at the NCR Biotech Science Cluster, Faridabad.

TENDER

I/We have read and examined the Notice Inviting Tender schedule, Specifications applicable, drawings and design, General Rules and Directions of contract, clauses of contract, special terms & conditions, Schedule of Rate and other contents in the tender document for the work.

I/We hereby tender for the execution of the work specified by the Executive Director, THSTI within the time specified in Schedule 'F' viz. Schedule of quantities and in accordance in all respect in all respect 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 the contract with such materials as are provided for, by, and in respect in accordance with, such conditions so far as applicable.

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

If I/We fail to furnish the prescribed Performance guarantee within prescribed period, I/We agree that the said Executive Director, THSTI or his successors in office shall 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 Executive Director, THSTI or his successors in office 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 and may be ordered, upto 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 clauses of the tender form.

Further, I/We agree that in case of forfeiture of Performance guarantee as aforesaid, I/We shall be debarred for participation in the re-tendering process of the work, 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 satisfy of the state.

Dated:

Signature and address of the contractor

ACCEPTANCE

The above tender (as modified by you as provided in the letters mentioned hereunder) is accepted by me for and on behalf of the Executive Director, THSTI for a sub of Rs. -----

(Rupees ----- only)

The letters refereed to below shall form part of this contract Agreement.

(a)

(b)

(c)

For and on behalf of Executive Director, THSTI

Signature and Designation

INTEGRITY PACT

To,

Executive Director
THSTI
Faridabad(Haryana)

Sub: Submission of Tender for the work of

Dear Sir,

I/We acknowledge that CPWD 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 CPWD. I/We acknowledge and accept the duration of the Integrity Agreement, which shall be in the line with Article1 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, CPWD 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)

PROFORMA OF SCHEDULES

Name of work: - **Design, Supply, Installation, Testing, Commissioning (DSITC) of 25 KLD packaged type Effluent treatment plant on Turnkey Basis and its Day to-day operations and Comprehensive Maintenance at the NCR Biotech Science Cluster, Faridabad.**

SCHEDULE 'A'

Schedule of quantities (enclosed)

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 |
|-------|---------------------|----------|--|----------------|
| 1 | 2 | 3 | 4 | 5 |
| | ← Nil → | | | |

SCHEDULE 'C'

Tools and plants to be hired to the contractor

| S.No. | Description | Hire charges per day | Place of Issue |
|-------|-------------|----------------------|----------------|
| 1 | 2 | 3 | 4 |
| | ← Nil → | | |

SCHEDULE 'D'

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

----- Nil -----

SCHEDULE 'E'

Reference to CPWD updated General Conditions of contract.

- **Design, Supply, Installation, Testing, and Commissioning (DSITC) of 25 KLD packaged type Effluent treatment plant on Turnkey Basis and its Day to-day operations and Comprehensive Maintenance at the NCR Biotech Science Cluster, Faridabad.**

| | |
|-----------------------------|------------------------|
| (i) Estimated cost of work | : Rs. 14,45,500 /- |
| (ii) Earnest Money | : Rs. NIL/- |
| (iii) Performance Guarantee | : 3% of tendered value |
| (iii) Security Deposit | : 5% of tendered value |

SCHEDULE 'F'

GENERAL RULES & DIRECTIONS:

| | |
|--|-----------------|
| Officer Inviting tender | IEE |
| Maximum percentage for quantity of items of work to be executed beyond which rates are to be determined in accordance with Clauses 12.2 and 12.3 | 30% |
| Definitions | |
| 2(i) Engineer In charge | IEE |
| 2(ii) Accepting Authority | ED, THSTI |
| 2(iii) Percentage on cost of material and labour to Cover all overheads and profits. | 15% |
| 2(iv) Standard Schedule of Rates | DSR/Market Rate |
| 2(v) Department | Engineering |
| 9(vi) Standard CPWD contract form | |

Clause – 1

Time allowed for submission of Performance Guarantee 15 days

From the date of issue of letter of acceptance 10 days

Maximum allowable extension beyond the period provided

In 1 (i) above 10 days

Clause -2

Authority for fixing compensation under clause-2; - **Head Administration**

Clause -2 A

Whether clause 2–A shall be applicable. No

Clause -5

Number of days from the date of issue of letter of acceptance

For reckoning date of start 10 days

Mile stone (s) as per table given below: -

| Sl. No. | Description of milestone (Physical) | Time allowed in days (from date of start) | Amount to be withheld in case of non-achievement of milestone |
|---------|---------------------------------------|---|---|
| 1 | 1/8 th (of the whole work) | 1/4 th (of the whole work) | In the event of not achieving the necessary progress as assessed from the running payment, 1% of the Tender value of work will be withheld for failure of each milestone. |
| 2 | 3/8 th (of the whole work) | 1/2 th (of the whole work) | |
| 3 | 3/4 th (of the whole work) | 3/4 th (of the whole work) | |
| 4 | Full | Full | |

Time allowed for execution of work : **45 Days**

Authority to decide:

(i) Extension of time : **Head-Administration**

(ii) Rescheduling of mile stones : **Head-Administration**

Clause 6,6A

Clause applicable (6 or 6-A) 6-A

Clause – 7

Gross work to be done together with net payment/adjustment
of advances for material collected, if any, since the last
such payment for being eligible to interim payment N.A

Clause – 10A

List of testing equipment's to be provided by the contractor at site lab

1._____ 2._____ As per CPWD Specification _____

3._____ 4._____

----- **Nil** -----

Clause – 10 B

Whether clause 10-B (ii) shall be applicable No

Clause 10C

Component of labour expressed as percent for value of work 25%

Clause 10-CA

| Material covered under this clause | Nearest material for which All India Wholesale price index is to be followed |
|------------------------------------|---|
| Not applicable | |

Clause – 10CC

Clause 10 – CC to be applicable in contract with stipulated
Period of completion exceeding the period shown in

Next column N.A.

Clause -11

Specification to be followed for execution of work

CPWD specifications
2019 Vol-1 & 2 with upto
date correction slips &
manufacturers
specifications

Clause -12

12.2 & 12.3 - Deviation limit beyond which clauses 12.2 &

12.3 shall apply for building work 30%

12.5 - Deviation limit beyond which clauses 12.2 &

12.3 shall apply for foundation work 100%

Clause -16

Competent authority for deciding reduce rates

Head-Administration

Clause -18

List of mandatory machinery, tools and plants to be deployed by the contractor at site.

As per site and work assigned, all necessary T&P shall be arranged by the agency.

Clause 36 (i)

Requirement of Technical Representative(s) and recovery rates

| S. No. | Minimum Qualification of Technical Representative | Discipline | Designation (Principal Technical/ Technical Representative) | Minimum Experience (Years) | 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 Or Diploma Engineer | As per work requirement | Principal Technical Representative | 02 05 | 1 | Rs.15,000/- per month. | Rupees Fifteen Thousand only per month per person |

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

SPECIAL CONDITIONS:

Name of work: - Design, Supply, Installation, Testing, Commissioning (DSITC) of 25 KLD packaged type Effluent treatment plant on Turnkey Basis and its Day to-day operations and Comprehensive Maintenance at the NCR Biotech Science Cluster, Faridabad.

1. Unless otherwise specified the work shall be carried out in accordance with the printed CPWD specification 2009 for the work at Delhi with correction slips issued till the date of opening of tender. In the event of any dispute the following shall be the order of priority to decide the issue: -
 - (a). Nomenclature of item read with special conditions of the contract and general specifications
 - (b). CPWD specifications.
 - (c). BIS specifications
 - (d). Instructions of Engineer-In-Charge.
2. Before quoting, the contractor shall inspect the site of work and shall fully acquaint himself about the conditions with regard to accessibility of site required for the satisfactory execution of work. No claim whatsoever shall be entertained by the department on this account.
3. The quantities shown in the schedule are tentative and may change as per site conditions. The contractor shall not claim anything extra on this account. The payment of additional/deviated quantities shall be made as per actual and as per the conditions of the contract/agreement.
4. The work executed under the contract shall be subject to inspection carried out by the departmental officers, any defects regarding workmanship or quality of material used as pointed out during or after the completion of work by the departmental officers shall have to be rectified by the contractor at his own cost and risk, and in case the contractor fails to do the same will be got rectified by the department at the risk and cost of the contractor.
5. All precautionary measures should be adopted for the safety purposes for any accident during the executions of work occurring at site, the contractor shall be overall responsible for the same.
6. The contractor shall carry out the various testes as enumerated in CPWD/BIS specification. The contractor shall bear the cost of testing of materials, sample preparation and its cartage to approved laboratory. Nothing extra shall be paid by the department on this account. All tests shall be carried out from any Govt. approved laboratory.
7. 50% of required materials of approved make will be brought before taking up the job, for which agency will construct a store near to site as per direction of Engineer-In-Charge.
8. All safety precautions and water, electricity will be arranged by the agency in store.
9. Before start of the work, the contractor shall submit a time schedule for execution of the work, which shall be got approved from the Engineer-in-Charge and strictly, adhere to the same for timely completion of the work.

10. Some restrictions may be imposed by the security staff of THSTI etc. on the working and or movement of labour & material. No labour camp / huts shall be allowed in the functional area of cluster (40 Acres). The contractor shall be bound to follow all such restrictions/ instructions and nothing shall be payable on this account.
11. After the award of work, if agency fails to start the work or does not perform the awarded work properly and/or in time, the earnest money, security deposited and performance guarantee submitted by the agency will be forfeited 100% and the agency will be debarred for a period of three years to participate in any tender for THSTI work.
12. Defect liability period shall be 12 (Twelve) months from the date of completion or execution of work as per completion certificate.
13. Identity card of workers must be issued by the agency duly affixed photography attested by the agency in proper format along with the full information like; Name, Temporary and permanent address. Agency has to ensure himself before engaging labour that antecedent of labour has been verified by himself to ensure the safety of Institute properties and employees.
14. All tools and plants, equipment's required for execution of work must be provided by the agency at his own cost for the execution of the work at site.
15. Water shall be arranged by the contractor at his own cost. However, if the electricity is required for work, the same shall be provided to the contractor and THSTI standard rates as applicable on account of electricity charges shall be recovered from him.
16. All fittings & fixtures shall be got approved from the Engineer-in-Charge before procurement or well in advance and the approved samples shall be kept till completion of the work.
17. The malba/garbage, and unsuitable material removed from the site shall be disposed off by the contractor to any suitable place or as directed by the Engineer-in-Charge.
18. After physical completion of work, site shall be cleared off tools and plants, labour huts, cement store or any other temporary construction raised by the contractor during execution of the work at his own cost. No separate payment shall be made to the contractor for the clearance of site and the work shall not be treated as complete till the site is fully cleared by the contractor.
19. Any damage caused to any adjoining building during execution of work shall have to be made good by the contractor at his own cost.
20. The contractor or his authorized representative shall always be available at the site of work to take instructions from departmental officers and ensure proper and timely execution of work. No work shall be done in the absence of authorized representative.
21. The contractor shall construct suitable godown at the site of work for storing the materials safely against damage due to sun, dampness, fire, theft etc. He shall also employ necessary watch and ward establishment for the purpose and no extra claim whatsoever shall be entertained on this account.
22. Welding shall be flush butt welding for steel windows ventilator and doors, made from rolled steel section, in other cases where flush butt welding is not possible, the welding shall be done by suitable method to from solid fused welded joint conforming to IS 1038/1983 para 6.1.1.

23. Scope of work includes Design, Supply, Installation, Testing, Commissioning (DSITC) and Validation of packaged type Effluent treatment plant of non-corrosive material. RCC/MS components with corrosive protection, including Design shop drawing and obtain the consent to establishment and consent to operate (on 24x7x365 days) from HSPCB, consumable, periodical testing complete in all respect.
24. The system should be fully automatic with level control, compact, odour free and shall consume low power. Agency has to monitor the lab waste effluent for various parameter and quantity obtaining desired no of test reports of raw/treated lab effluent during defect liability period and CMC period.
25. The ETP units shall be designed in such a way that the aqueous effluent does not affect the function of STP when treated aqueous effluent mixed in the domestic sewer line. Treated effluent shall meet the HSPCB norms & also obtain adequacy report & treated effluent test report for HSPCB. Agency has to maintain and operate the ETP (**Round the Clock i.e. 24 x 07 for 12 Months**) during defect liability period including cost of manpower, chemical etc. except electricity cost.
26. The required any statutory approvals from GOVT authorities like Pollution Control Board/HSPCB/ Electrical Inspectors/ MCF etc for obtain the concent to establishment and concent to operate including periodical testing for proposed ETP plant shall be under the scope and will be obtained by the Contractor, THSTI shall only provide the required assistance in getting such clearance/s, as required. Official Statutory fees, if any, shall be paid to the concerned department/authority directly by THSTI. No extra payment will be paid during defect liability period and also CMC contract.
- 27.** After expiry of defect liability period, further Comprehensive Annual operation & Maintenance contract (Part B) with manpower (**Round the Clock i.e. 24 x 07 for 12 Months**), consumable & chemical etc. required for ETP plant system comprehensively will be taken by agency including all govt statutory approval for three years as per agreement.
- 28.** THSTI reserves to himself the right of accepting the whole BOQ or any part A/B of the tender and the tenderer shall be bound to perform the same at the rate quoted

In this NIT/Agreement wherever the word mentioned under column 'A' appear the same may be construed to mean the word opposite to it in column 'B' as given below except for CPWD Contractor's labour Regulation, CPWD Safety Code, CPWD Specification and Delhi Schedule of Rates CPWD.

| 'A' | 'B' |
|--------------------------------------|---|
| Central PWD, CPWD | Translational Health Science and Technology Institute (THSTI) |
| President of India | Executive Director, THSTI |
| Chief Engineer | Head-Administration |
| Divisional officer Engineer Incharge | IEE |

29. Payment Terms

Table A

| S. no | Payment Limit (% of Contract) | Remarks |
|--------------|---|--|
| 1. | 90% | Payment will be released against the invoice on completion of work inclusive of design supply, installation Testing and Commissioning, validation and Handing over. |
| 2. | 10% | 10 % of the contract value is reserved for the cumulative comprehensive operation and maintenance during the defect liability period of one year. This amount shall be released in equal quarterly installment during the defect liability period. |

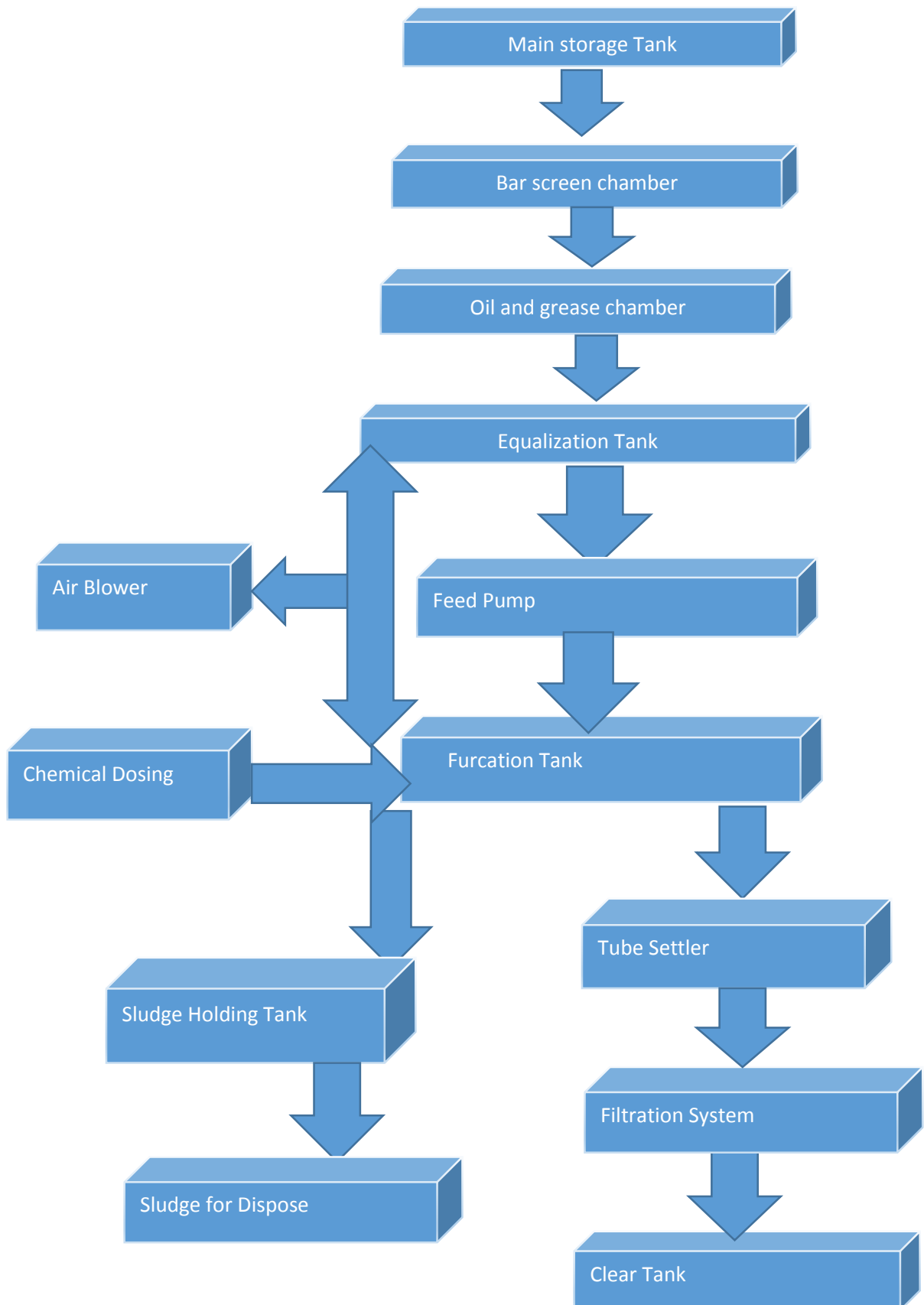
Engineer-In-Charge

SCOPE OF WORK

The scope and nature of services to be provided by the contractor shall include Design, Supply, Installation, Testing, Commissioning (DSITC) and validation of packaged type effluent treatment plant (ETP) of non-corrosive material. RCC/MS components with corrosive protection, including Design shop drawing and obtain the consent to establishment and consent to operate from HSPCB, erection, commissioning, construction of ETP including civil, mechanical, electrical i/c main electrical connection from main panel, piping work complete in all respect on turnkey basis. The system should be fully automatic with level control, compact, odor free and shall consume low power/energy efficient. ETP of suitable size for 25 KLD required to treat the effluent of lab by using suitable technology complete in all respect including flash mixer/settler/neutralization chamber, holding tank including multigrade filter standby motor pumps, blower, UV, etc. pumps and piping filter sludge holding tank, filter press, testing kit, electrical control panel, air blower, equalization tank, /holding tank. Agency has to operate & monitor and maintain the record of the lab waste effluent for various parameter and quantity obtaining desired no of test reports of raw treated lab effluent. The ETP units shall be designed in such a way that the aqueous effluent does not effect the function of STP when treated aqueous effluent mixed in the domestic sewer line. Treated effluent shall meet the HSPCB norms & also obtain adequacy report & treated effluent test report for HSPCB.

Agency has to maintain and operate the ETP (Round the Clock i.e. 24 x 07 for 12 Months) during defect liability period including cost of manpower, chemical etc. except electricity cost. Proposed location of the system will be above STP. .

POPOSED PROCESS FLOW DIAGRAM



Technical Specification

| Sr. No | Description | QTY | Standby QTY if any | Make | Model | Other specification if any |
|---------------|--|------------|-----------------------------------|-------------|--------------|---------------------------------------|
| 1 | Bar Screen | | | | | |
| 2 | Air Grid | | | | | |
| 3 | Raw Sewage Transfer Pump- Centrifugal | | | | | |
| 4 | Air Blowers | | | | | |
| 5 | FAB Media | | | | | |
| 6 | FAB Screen | | | | | |
| 7 | Dosing Tanks | | | | | |
| 8 | Dosing Pumps | | | | | |
| 9 | Tube Settler Media | | | | | |
| 10 | Filter Feed Pump – Monobloc | | | | | |
| 11 | Filters | | | | | |
| 12 | Motor | | | | | |
| 13 | Pipes – MS | | | | | |
| 14 | Pipes- | | | | | |
| 17 | Butterfly Valves/NRV – CI | | | | | |
| 18 | Distribution Board | | | | | |
| 19 | Level Switch | | | | | |
| 20 | Pressure Gauge | | | | | |
| 21 | Air Rotameter | | | | | |
| 22 | Semi Open Centrifugal Pumps | | | | | |

Signature of tenderer with Seal & Date

TOLERANCE LIMITS FOR FINAL ETP
General Standards for Discharge of Environment Pollutants
(Ref: Schedule – VI Environmental (Protection) Rules'1986)

(All parameters except pH are in mg/L)

| S.No. | Parameter | Inland Surface Water | Required Parameters |
|-------|---------------------|----------------------|--|
| 1. | Oil & Grease | 10 | As per standard of HSPCB and IS Code :3025 |
| 2. | Suspended Solids | 100 | As per standard of HSPCB and IS Code :3025 |
| 3. | pH | 5.5 - 9.0 | As per standard of HSPCB and IS Code :3025 |
| 4. | BOD | 30 | As per standard of HSPCB and IS Code :3025 |
| 5. | COD | 250 | As per standard of HSPCB and IS Code :3025 |
| 6. | Sulphide | 2.0 | As per standard of HSPCB and IS Code :3025 |
| 7. | Dissolved Phosphate | 5.0 | As per standard of HSPCB and IS Code :3025 |
| 8. | Nitrate | 10 | As per standard of HSPCB and IS Code :3025 |
| 9. | Fluoride | 2.0 | As per standard of HSPCB and IS Code :3025 |
| 10. | Manganese | 2 | As per standard of HSPCB and IS Code :3025 |
| 11. | Vanadium | 0.2 | As per standard of HSPCB and IS Code :3025 |
| 12. | Iron | 3 | As per standard of HSPCB and IS Code :3025 |
| 13. | Phenols | 1.0 | As per standard of HSPCB and IS Code :3025 |
| 14. | Cyanide | 0.2 | As per standard of HSPCB and IS Code :3025 |
| 15. | Arsenic | 0.2 | As per standard of HSPCB and IS Code :3025 |
| 16. | Cadmium | 2.0 | As per standard of HSPCB and IS Code :3025 |
| 17. | Hexavalent Chromium | 0.1 | As per standard of HSPCB and IS Code :3025 |
| 18. | Total Chromium | 2.0 | As per standard of HSPCB and IS Code :3025 |
| 19. | Copper | 3.0 | As per standard of HSPCB and IS Code :3025 |
| 20. | Mercury | 0.01 | As per standard of HSPCB and IS Code :3025 |
| 21. | Lead | 0.1 | As per standard of HSPCB and IS Code :3025 |

| | | | |
|-----|-------------------------|------|--|
| 22. | Zinc | 5.0 | As per standard of HSPCB and IS Code :3025 |
| 23. | Nickel | 3.0 | As per standard of HSPCB and IS Code :3025 |
| 24. | Selenium | 0.05 | As per standard of HSPCB and IS Code :3025 |
| 25. | Total Residual Chlorine | 1.0 | As per standard of HSPCB and IS Code :3025 |
| 26. | Ammonical Nitrogen | 50 | As per standard of HSPCB and IS Code :3025 |
| 27. | Total Kjeldahl Nitrogen | 100 | As per standard of HSPCB and IS Code :3025 |
| 28. | Free Ammonia | 50 | As per standard of HSPCB and IS Code :3025 |

LIST OF RELEVANT CODES AND STANDARDS:

| Sl.no | Indian standards No. | Description |
|-------|------------------------------|---|
| 1 | IS: 456-2007 REV 3 AMEMD2 | Code of Practice for plain and reinforced concrete (second division) |
| 2 | IS : 3370 | Code of Practice for concrete structures of The storage of liquids. |
| | Part I - 1965 | General requirements |
| | Part II - 1965 | Reinforced Concrete |
| | Part 111- 1967 | Pre stressed concrete structures. |
| | Part IV- 1967 | Design Tables |
| 3. | IS: 1536-1989 | Centrifugal cast(spun) iron pressure pipes For water, gas & sewage. |
| 4 | IS: 1537 -1976 | Vertically cast iron pressure pipes for water, Gas and sewage. |
| 5 | IS: 1538-1993 | Cast Iron fittings for pressure pipes for Water, gas and sewage. |
| 6 | IS : 3114 - 1994 | Code for practice for lying of CI pipes. |
| 7. | IS : 782-1978 | Caulking Lead. |
| 8. | IS : 7634 - 1975 part II | code of practice for laying and jointing of high density Polyethylene pipes. |
| 9 | IS : 5639 - 1970 | Pumps handling chemicals & corrosive Liquids. |
| 10 | IS: 2685 -1971 | Code of practice for selection, installation and Maintenance of sluice valves. |

LIST OF APPROVED MAKE / MATERIALS IN ORDER OF PREFERENCE

| S. No | Description | Make |
|-------|---------------------------------------|--------------------------------|
| 3 | Raw Sewage Transfer Pump- Centrifugal | Kirloskar /bhel/ crompton/ CRI |
| 4 | Air Blowers | Everest / Airvac/waves |
| 8 | Dosing Pumps | Edose/ Initiative/ seko |
| 10 | Filter Feed Pump – Monobloc | Kirloskar /bhel/ crompton/ CRI |
| 12 | Motor | Kirloskar /bhel/ crompton/ CRI |
| 13 | Pipes – MS | Tata/ jindal hisar/surya |
| 14 | Pipes- | Astral/SUPREME/ PRINCE |
| 17 | Butterfly Valves/NRV – CI | zoloto/ Sant/ Leader |
| 18 | Distribution Board | L&T/Schiendler/Advace |
| 19 | Level Switch | L&T/Aster/ PRINCE/ |
| 20 | Pressure Gauge | Micro / fig.big/h. Guru |
| 22 | Semi Open Centrifugal Pumps | Kirloskar /bhel/ crompton/ CRI |

BID SECURITY UNDERTAKING

To,

The Executive Director,
Translational Health Science and Technology Institute,
3rd Mile Stone, Faridabad Gurgaon Expressway
Faridabad – 121001

Dear Sir

Having examined the bidding document, the receipt of which is hereby duly acknowledged, we the undersigned offer to supply and deliver _____ (Description of Goods) in conformity with the said bidding documents for a sum or such other sums as may be ascertained from the bid.

We undertake if our bid is accepted, to deliver the goods in accordance with the delivery schedule specified.

We agree to abide by this bid for requisite period as fixed for bid opening as per the instructions to the bidders. Further it shall remain binding upon us and accepted at any time before the expiry of that period.

Until a formal contract is prepared and executed, this bid, together with your written acceptance thereof and your notification of award shall constitute a binding contract between us.

We understand that you are not bound to accept the lowest or any bid you may receive.

Dated this _____ day of _____ 20_____

Signature _____ in
the capacity of _____

Duly authorized to sign the bid for and on behalf of _____

CERTIFICATE FOR SITE INSPECTION

Certified that we..... (Name of tenderer) have visited the site on dated..... and assessed the nature and amount of work involved before submitting our offer. We will be able to complete the works within the stipulated time and also certified that we will be able to supply the material/executing the work as per specification to suit the site conditions.

**Address of site: - NCR-Biotech Science Cluster at THSTI
 3rd mile stone Faridabad Gurgaon Expressway
 Faridabad Haryana-121001**

ENGINEER-IN-CHARGE, THSTI

Signature of tenderer with Seal & Date

Proposed Drawing/ Flow Diagram by agency

PRICE BID

PRICE BID

SCHEDULE OF QUANTITIES

Part (A)

| S. No. | Description of item | Qty. | Unit | Rate | Amount |
|--------|---|---------|------|------|--------|
| 1. | <p>Design, Supply, Installation, Testing, Commissioning (DSITC) and validation of packaged type effluent treatment plant of non-corrosive material. RCC/MS components with corrosive protection, including Design shop drawing and obtain the consent to establishment and consent to operate from HSPCB, erection, commissioning, construction of ETP including civil, mechanical, electrical, piping work complete in all respect on turnkey basis. The system should be fully automatic with level control, compact, odor free and shall consume low power/energy efficient. ETP of suitable size for 25 KLD required to treat the effluent of lab by using suitable technology complete in all respect including flash mixer/settler/neutralization chamber, holding tank including multigrade filter standby motor pumps, blower, UV, etc. pumps and piping filter sludge holding tank, filter press, testing kit, electrical panel, air blower, equalization tank, /holding tank. Agency has to monitor the lab waste effluent for various parameter and quantity obtaining desired no of test reports of raw treated lab effluent.</p> <p>The ETP units shall be designed in such a way that the aqueous effluent does not effect the function of STP when treated aqueous effluent mixed in the domestic sewer line. Treated effluent shall meet the HSPCB norms & also obtain adequacy report & treated effluent test report for HSPCB. Agency has to maintain and operate the ETP (Round the Clock i.e. 24 x 07 for 12 Months) during defect liability period including cost of manpower, chemical etc. except electricity cost. Proposed location of the system will be above STP.</p> | One job | each | | |
| | (In word.....) | | | | |

Total (A)

Part- B

| S.No. | Description of item | Qty. | Unit | Rate | Amount |
|-------|--|--------|------|------|--------|
| 1. | Comprehensive Annual operation & Maintenance with manpower (Round the Clock i.e. 24 x 07 for 12 Months), consumable & chemical, any statutory approval from Govt. department etc. required for the above entire system installed by the agency after expiry of defect liability period for three years:- | | | | |
| | 1 st Year | 01 Job | Each | | |
| | 2 nd year | 01 Job | Each | | |
| | 3 rd Year | 01 Job | Each | | |

Total RS (Part B)=

In words.....)

Total =Part (A)+ Part B=

(In words.....)

Signature of tenderer with Seal & Date