

# **Kerala State Industrial Development Corporation (KSIDC)**

(A Govt of Kerala Undertaking)

**Keston Road, Kowdiar P.O, Thiruvananthapuram**

**Ph: 0471 2318922, Fax: 04712315893**

**Website: [www.ksidc.org](http://www.ksidc.org)**



## ***KSIDC***

### **REQUEST FOR PROPOSAL**

**for**

**Engaging Consultant for carrying out Feasibility Study, Detailed Project Report and Project Management services for establishing a common STP cum ETP at Life Sciences Park, Thonnakkal, Thiruvananthapuram District, Kerala**

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## **NOTICE INVITING BIDS THROUGH E-TENDER**

KSIDC invites bids through electronic tendering system from reputed consultancy firms to carry out Feasibility study, prepare Detailed Project Report and undertake Project Management Consultancy for the establishment of a common Sewage Treatment cum Effluent Treatment Plants (STP cum ETP) in Life Sciences Park, Thonnakkal, Thiruvananthapuram

Details for bidding for the cited assignment are given below:

RFP No:KSIDC/TVM/KLIP/RFP/0002	
<b>Name of the assignment</b>	To carryout Feasibility Study, prepare Detailed Project Report (DPR) and undertake Project Management Consultancy (PMC) services for establishing a common STP cum ETP at Life Sciences Park, Thonnakkal, Thiruvananthapuram District, Kerala
<b>Type of tender</b>	<b>Item Rate quote (Excluding GST)</b>
<b>Earnest Money Deposit</b>	<b>Rs.25,000/-</b>
<b>Last date and time of online submission of technical and Financial bid</b>	<b>25-11-2021 at 3.00 PM</b>
<b>Date and time of technical bid opening</b>	<b>26-11-2021 at 3.30 PM</b>
<b>Date and time of financial bid opening</b>	<b>Date and time to be notified separately to successful bidders.</b>
<b>Time of Completion of assignment</b>	<b>14 months</b>

Bids shall be in a two cover system - Technical Bid and Financial Bid. The RFP document is available in the e-tender portal of the Government of Kerala ([etenders.kerala.gov.in](http://etenders.kerala.gov.in)). The technical bid and financial bid shall be uploaded separately. RFP can be accessed through the e-tender website on payment of a non-refundable tender fee of Rs. 5000/- plus GST@ 18%. As specified for the assignment, the Earnest Money Deposit (EMD, shall also remitted online,

through the e-tender website.

The bids can be submitted online up to 25-11-2021 at 3.00 PM. The technical bids will be opened on 26-11-2021 and date of opening of financial bid will be intimated to the eligible bidders. The bids will be opened at Kerala State Industrial Development Corporation Ltd (KSIDC), Keston Road, Kowdiar, Trivandrum, Kerala - 695003, in the presence of the tenderers or their representatives who wish to be present. The Financial bid of bidders who fulfill the conditions in the technical bid shall only be opened.

The bidders will have to deposit an amount of Rs. 25,000/- at the time of submission of the bid as Earnest Money Deposit (EMD). KSIDC is not liable to pay any interest on the EMD. The Earnest Money Deposit of the unsuccessful tenderers will be refunded without any interest soon after the execution of an agreement by the successful tenderer, or after the expiry of the validity period of the tender. The successful tenderer to whom the contract is awarded will have to deposit as initial security deposit, a further amount to make up 5 % of the value of the accepted tender including the Earnest Money. The said amount will be kept as Performance Guarantee and the amount without any interest shall be refunded after successful completion of the assignment. KSIDC reserves the right to accept or reject any or all tenders in part or full without assigning any reason thereof. The security deposit will have to be made within 14 days from the date of acceptance of tender (work order), failing which KSIDC at its discretion may revoke the letter of acceptance and forfeit the earnest money deposit furnished along with the tender.

(Sd/-)

**Managing Director**

## 1. INTRODUCTION

Kerala State Industrial Development Corporation Limited (KSIDC) is the premier agency of the Government of Kerala for developing and promoting industrial and infrastructure projects in the State of Kerala. Besides attracting domestic and foreign investments to the State, KSIDC plays an important role in stimulating, financing and facilitating the development of medium and large scale industries in the State.

KSIDC is establishing a state-of-the-art Life Sciences Park, viz., **Bio 360 Life Sciences Park**, at Thiruvananthapuram, the capital of Kerala. This Park has been conceived as a geographic cluster of industries and R&D institutions in the fields of Biotechnology, Biomedical Devices, Pharmaceuticals and other domains of Life Sciences. The Park is being established in two phases in around 206 acres of land, and is located on the side of NH66 at Veiloor Village, near Kazhakuttom – one of the fast emerging economic regions in Thiruvananthapuram.

Phase-I of the Bio 360 Life Sciences Park is currently being developed in 75 acres of land, of which 70 acres of land is taken into possession. An extent of around 29 acres of land has been allotted. An extent of around 29 acres in the balance land is available for allotment in Phase-I of the Park. Phase-II is conceived in around 123 acres, of which around 86 acres of land currently in possession with KSIDC and acquisition proceedings for the remaining land in Phase-II is going on. Project development activities are in progress in the Phase-I area alone, where the basic infrastructure development has already been created. A Dedicated power cable for supply of 6 MVA of power to the Life Sciences Park has been drawn from the Pothencode Substation. Water connectivity up to the premises of the Life Sciences Park (Phase-I) has been established through Kerala Water Authority (KWA), for supply of 1MLD water from the 9MLD dedicated pipeline for Technocity project.

KSIDC intends to invite applications/bids for the appointment of a Consultant to study the requirement of Common STP and ETP for the First Phase of Bio 360 Life Sciences Park, Thonnakkal, Thiruvananthapuram District being developed in an extent of 70 acres. The PMC shall function as the Principal Advisor to KSIDC and would be expected to provide comprehensive handholding services and to carry out the feasibility study, preparation of DPR, Preliminary Design & Engineering of the scheme, Preparation of detailed estimates in PRICE software & tender documents, Inviting tenders, evaluation of tenders and selection of contractors. The consultant shall also provide PMC services during execution & operation of the project.

The Consultant shall take into consideration the locational advantages and the industrial developments in the vicinity and also the requirements of Bio 360 Life Sciences Park, Thonnakkal, Thiruvananthapuram District. A modular approach shall be followed to accommodate the possible

changes/modifications (if so required).

## **2. SCOPE OF WORK**

The responsibility of the PMC would be both advisory and technical. They shall undertake necessary field studies, analyze the primary and secondary data, develop the scheme for the proposed common STP and ETP, prepare feasibility report and detailed project report. The scope also includes preparing required documents for availing funds from Govt of Kerala, tender documents, inviting tenders, evaluating tenders, selecting contractors and submission of necessary drawings and documents for obtaining clearances & permits from various agencies. The consultant shall also provide supervision during execution and commissioning of the scheme. The detailed stages of services to be rendered are given below.

### **2.1 Stage-I : Diagnostic Study & Preparation of Feasibility Report:**

- I. Conducting Stakeholder meetings for coordination, collecting information and understanding of requirements of the possible list of beneficiaries under this project.
- II. Door-to-Door Industrial Survey for collection of data on existing unit effluent quantity & Production details etc.,
- III. Collection of secondary data from Pollution Control Board, Municipal department, Water and Sewerage department etc.,
- IV. Detailed analysis of Industrial data collected during field studies for proposing Treatment plant capacities.
- V. Suitable funding pattern for making the common STP and ETP viable & sustainable running of units in consultation with stakeholder.
- VI. Gross cost estimation of common STP and ETP based on the capacities identified and finalized during the survey.

2.1.1 The various tasks to be accomplished under the feasibility study include but not limited to the following

#### **A. Problem analysis**

- Data collection and analysis on the amount and type of wastewater generated. Projected quality of waste water factoring total number of units in the Park
- Assessment of the volumetric flow, key constituents, concentrations, variations inflow at the future scenario would be made.
- Collection of proposed / existing industries profile including numbers, types of

product and major wastewater producing processes/ operations/ facilities and proposed size of business, future projections, and proposed conveyance and analysis of the same would be done for estimating the treatment capacity requirement.

**B. Identification of alternatives/concepts for wastewater treatment**

- Identification and quantification of the gap between existing practices and regulatory requirements would be undertaken and justification with regard to how the proposed system would be able to mitigate the gap would be reflected in the study report.
- On the basis of the problem analysis carried out by the consultants in above steps, alternate treatment concepts would be evolved and recommended that are able to assure compliance on treatment of wastewater including reuse of the treated water.

**C. Land requirement and suitability**

- Assessment of the land requirements, its suitability and availability would also be carried out by the consultant

**D. Comparison of alternatives treatment schemes**

The consultant will also compare the alternate treatment concepts/trains to arrive at the preferred concept on the basis of the technical merit in terms of treatment effectiveness and cost-economics keeping in mind of the future changes like capacity expansion, change of products and change of processes.

**E. Operation and management aspects etc.,**

Consultant will elaborate on management of collection and transportation system, pre-treatments, common STP and ETP, disposal / reuse system, overall maintenance of common STP and ETP, management structure, revenue generation, ownership & risk assessment.

**F. Stakeholder Consultations:**

The consultant would also conduct stakeholder consultations, from time to time as needed for recording the views of the relevant stakeholders and incorporate the essential requirements.

**G. Preparation of Feasibility Report**

The consultant will prepare a pre-feasibility report as per the scope of the study defined above (clause 2.1), with clear recommendations on the viable technical model(s), business model(s) and management model(s) for initiating bid process management by the competent authorities for setting up of a common Sewage Treatment and Effluent Treatment Plant (common STP and ETP) for the waste water (including reuse of treated water and sludge disposal) generated from the Life Sciences Park.

## **2.2 Stage-II: Preparation of Detailed Project Report:**

- i. Collection of Sewage and Effluent Sampling (Grab and Composite) from the units (Presently established and developing) based on the categorization of Industries for Internal and External Analysis.
- ii. Detailed study of the units to understand their processes, need for cleaner technology, intervention, water and energy requirements, land area & infrastructure required, common facilities etc., for establishing new cluster.
- iii. Topographical Survey for selection of pipeline route and locations for pumping stations and treatment plant.
- iv. Geo-technical Survey along the proposed pipeline route and in the proposed treatment plant areas.
- v. Developing concept, examining the different Technology Solutions, Preparation of detailed Project report (DPR) along with layout, Preliminary designs, BOQ in PRICE software, Clear specification & Cost estimates, Pipe flow Diagram and Piping & Instrumentation Diagram sufficient for obtaining funds and for preparation of tender document.

## **2.3 Stage-III: Assistance for availing funds from GoK/GoI**

- i. The PMC shall assist the Authority submission of the proposals under the various schemes identified for getting the funds released for the Project as per the respective scheme guidelines.
- ii. The PMC should furnish all the details to clarify the comments or clarification sought by Government or its agencies.

## **2.4 Stage-IV: Selection of Contractor:**

### **a. Preparation and issue of tender documents**

- i. The PMC shall prepare a suitable tender document with terms and conditions, BOQ, Specification and drawings and should tender the work in a transparent manner. Appropriate conditions for ensuring smooth operation and maintenance of the system, calculation of user charges, tripartite agreement with the users, contractor and the client representative shall also be provided by the PMC.
- ii. PMC should perform the Technical Evaluation of bids received and prepare techno commercial comparative statement and opening of price bids, price negotiations and recommend the client to award the work for the lowest bidder.



b. Construction stage

- i. Contract Management including verification and clearance of Construction drawings, detailed designs supplied by the contractor and any other details for completion of the project, Equipment Inspection prior to dispatch to the site, recommendation to client authority for release of payment based on verification of invoice & work completion.
- ii. Site supervision to monitor and ensure quality of construction, fabrication, erection.

c. Trial run, Testing, O&M guidance

1. Supervision of pre-commissioning & Post commissioning including performance Guarantee Test Run (PGTR) & Reliability Test Run (RTR) to be carried out by the contractor in the presence of PMC. The consultant shall also provide their service for a time period of three years from the date of commissioning of the plant as a guidance for O & M activities of the plant whenever client demands.

**3 PROJECT IMPLEMENTATION SCHEDULE**

The time schedule of various services is given below. It is clarified that consultant shall obtain approval from the Client for each stage of the assignment.

Sl.No	Description of Activity/Schedule	Time Schedule	1	2	3	4	5	6	7	8	9	10	11	12	13	14
<b>1</b>	<b>Stage-I Diagnostic study &amp; Preparation of Feasibility Study</b>															
a	Field Survey and collection of data(Diagnostic Study)	15 days	↔													
b	Submission of Feasibility Report	7 days	↔													
<b>2</b>	<b>Stage-II Submission of Detailed Project Report</b>															
a	Submission of draft report	1 month	↔													
b	Receipt of comments/clearance	15 days		↔												
c	Submission of final DPR	1 month			↔											
<b>3</b>	<b>Stage-II Assistance for financial closure</b>	15 days				↔										
<b>4</b>	<b>Stage-IV Selection of Contractor</b>															
a	Preliminary Design & Engineering & draft RFP submission(From approval of DPR and means of finance)	1 month				↔										
b	Bid process management including evaluation of bid document and recommendation by PMC for finalization of suitable contract	3 months					↔									
c	Project Implementation Supervision	7 months							↔							
d	Project commissioning Supervision	15days														↔

## **4 FIANCIAL BID**

- 4.1 The consultant shall submit the financial bid as per the format given in Annexure-VII.
- 4.2 The quoted fee shall be as percentage (%) of estimated cost in DPR approved by KSIDC or value of actual works done at the site, whichever is lesser.
- 4.3 The amount payable is inclusive of all taxes and levies but excluding GST which will be paid as applicable from time to time. The statutory taxes and other deductions as per income tax and relevant Acts will be applicable for the assignment
- 4.4 The cost of the project shall exclude the cost of land, statutory payments to other departments and departmental overheads of the authority, taxes and duties.

## **5 MODE OF PAYMENT:**

- 5.1 For each of the services in the scope of services the Consultant shall be paid in the following stages consistent with the work done as agreed upon. Payments already made to the consultant will be deducted at each stage.

Deliverables	Fees payable (up to)	Timeline (from the date of signing the agreement)	Basis of arriving the fee
<b>Submission of Feasibility Report</b> (On receipt and approval of all Services up to Stage – I)	10%	21 days	Rough cost estimate in feasibility report
<b>Submission of Detailed Project Report</b> (On receipt and approval of all Services up to Stage – III)	30%	75 days	Final cost as per DPR
<b>Selection of contractor</b> On receipt and approval of all Services up to Stage – IV a	50%	4 months	Agreed amount of contract
<b>Construction stage</b> On completion of 25% of value of works	60%	8 months	Agreed amount of contract
<b>Construction stage</b> On completion of 50% of value of works	70%	10 months	Agreed amount of contract

<b>On commissioning of the scheme</b> On receipt and approval of all Services up to Stage – IV c.	90%	14 months	Agreed amount of contract or value of actual works done whichever is lesser
<b>On completion of Defect Liability Period.</b>	100%		Agreed amount of contract or value of actual works done whichever is lesser

## **6 GENERAL PROVISIONS:**

1. The Consultants shall provide state-of-the-art creative designs keeping in view the aesthetics and utilitarian aspects of the structures capable of being constructed at an optimum cost. The designs shall be created specifically for this project and shall not be replicated in to or partly from any other project.
2. The services under any stage will be treated to be complete only after such services carried out by the Consultants are approved by the client. All the stages of work shall be completed by the Consultants according to the schedule as agreed. The works throughout the stipulated period of contract will be carried out with due diligence
3. In the event of the Consultant's firm closing its business or failing to complete balance work within reasonable time, the client will have the power to employ any other agency to complete the work at the cost of the original Consultants.
4. In the event of the failure on the part of Consultants to complete their work, committing a breach of any one or more of the terms and conditions of the agreement, the Authority will be entitled to rescind this agreement without prejudice to its rights to claim damages or remedies under the law.
5. The Consultants shall submit the time and progress chart prepared by the contractor for the completion of the work on weekly basis to the client.
6. The Consultants shall be solely responsible for the competency and the correctness of the detailed design of the system and shall be fully responsible for the plans, estimates, designs, drawings and specification provided by them for items described in the schedule or work (BOQ). The drawings, designs etc., shall conform to the statutory provisions and standards laid down by the Bureau of Indian Standards or where no such standards exist, to the standards laid down by any similar body and they shall also be

efficient, economical and sound in every manner.

7. The Consultants must have the approval of the client before initiating any stage of its duties.
8. The Consultants shall supply to the client free of cost five sets of all drawings, specifications, estimates, etc., prepared for all stages along with one set of drawings on reproducible tracings. Any additional sets required by the client will be paid for on actual cost basis
9. The Consultants should deploy a residential Engineer, Quality control Engineer and Quantity surveyor for the execution of the project.
10. Any deviation from the approved drawings or specifications that may be observed by the Consultants shall be given in writing by them to the client who shall issue, necessary instructions to the executing agencies.
11. The Consultants shall make necessary revisions in the drawings and other documents submitted by them as may be required by the Client.
12. The designs, drawings, specifications and documents prepared for the project will be the property of the client. The consultants or the client shall not use these documents for any other purpose without mutual agreement.
13. The Client will have liberty to postpone or not execute any work and the Consultants shall not be entitled to any compensation or damage for such postponement or non-execution of the work except the fees which are payable to the Consultants up to the stage of services then in progress.
14. If the delay in executing the project or any part of the project is due to the failure or non-receipt of information, details, plans, etc., from the Consultants, the responsibility for the time over run for the execution of the project shall lie with the Consultants and a penalty of 1% of the total fees payable up to the relevant stage will be imposed for every week of delay or part thereof subject to a maximum amount of 10% of fee payable.
15. The Consultants shall provide extra services, if any, essential for the successful implementation of the scheme. These shall comprise of works that are not included or covered under this agreement. However, any or all services that are in contravention of the standards, norms or requirements provided by the Client, local Municipal bye-laws, etc., shall be to the account of Consultants, and redoing of all such works services shall not come in the purview of extra work.

16. If at a later date it is found that the consultant has furnished false information in respect of qualification information furnished by them, the bid / Agreement will be summarily rejected and no further payment will be made. Further the EMD submitted by the Consultant shall be forfeited.

17. Any dispute arising out of the provision of this agreement shall be subject to the jurisdictions of the courts in Kerala only and no other courts shall have jurisdiction to entertain any petition, application or suit to resolve such disputes.

## **7 MINIMUM ELIGIBILITY CRITERIA FOR THE CONSULTANT (WHO CAN APPLY):**

7.1. The Bidders should satisfy the following minimum eligibility criteria and only the technical bids of those who satisfy the following eligibility criteria will only be further evaluated

- i. Companies/firms/private, public or government owned legal entities having business of providing professional services/consultancy for Environmental/infrastructure works must be in operation for the last 5 years within India
- ii. The bidder should have experience in undertaking feasibility study OR preparation of Detailed Project Report of ETP with a minimum capacity of 30 KLD in the last 5 years ending on 31.03.2021.
- iii. The bidder should have experience in providing at least one Project Management Consultancy services for Zero Liquid Damage(ZLD)common STP AND ETP having 30 KLD capacity for any industrial projects in the last 5 years ending on 31.03.2021. Copies of work completion certificates issued by the concerned clients should be submitted along with the bid document as a supporting document. The bidding firm or its group companies should not be an Engineering Procurement Construction Company or Original Equipment Manufacturer of the components of such facilities.
- iv. The bidder should have minimum average Annual turnover of Rs.100 lakhs in last three financial years as on 31-03-2021.

## **8 PREPARATION AND SUBMISSION OF BID**

### **8.1 Pre-Bid Meeting:**

In order to clarify any queries and discuss the issues with respect to the Project, a pre- bid meeting shall be held with the bidders on 15-11-2021 at 3.00 pm through video conference.

### **8.2 Enquiries Concerning the RFP**

All enquiries should be submitted to the following address in writing, by letter or e- mail or facsimile transmission:

**CEO, Kerala Life Sciences Industries Park Private Limited(KLIP), Kerala State Industrial Development Corporation Limited (KSIDC), Keston Road, Kowdiar, Thiruvananthapuram – 695003, Kerala  
Ph: +91 471 2318922, Fax: +91 471 2315893, Email: enquiry@ksidcmail.org**

Note: All communication from KSIDC will be through email only. Any corrigendum/addendum /clarification to the RFP will be published in the e-tender website and notified in KSIDC's website '[www.ksidc.org](http://www.ksidc.org)'

### **8.3 Submission of Bid**

The Technical Bid and Financial Bid should be submitted by the bidders as per the procedures and guidelines specified in e-tender portal. The technical bid along with the financial bid should be submitted online before 3 PM on 25-11-2021.

### **8.4 FORMAT AND SIGNING OF BID**

The Technical Bids and Financial Bids are to be uploaded in e-tender site as per the guidelines specified thereon. The bidders are required to quote their fee as percentage of total estimated cost of the project or the actual value of work done towards the consultancy services. The fee quoted by the bidder shall be exclusive of GST and other statutory deductions, but inclusive of all other taxes overheads, travel expenses, incidentals, cost of site visits, liaising with the office of competent authority, printing cost of documents, Reports etc.

### **8.5 EARNEST MONEY DEPOSIT**

8.5.1 Bidder shall pay E.M.D. of Rs. 25,000/- online, through the e-tender website.

8.5.2 Bids received without EMD shall be summarily rejected.

8.5.3 EMD of the unsuccessful bidders shall be refunded without any interest at the earliest

after selection of the bidder.

- 8.5.4 EMD of the successful bidder shall be retained towards security for fulfilment of the obligations of the Consultant under this agreement.
- 8.5.5 The EMD may be forfeited if a bidder withdraws or amends or impairs or derogates its Bid during the period of bid validity.
- 8.5.6 Termination of contract due to breach of any of the terms and condition of the agreement will entail forfeiture of EMD.
- 8.5.7 The EMD shall be refunded to the successful bidder after completion of the project implementation.

## **8.6 VALIDITY OF BIDS**

The bids submitted shall be valid for a period of 90 days.

## **8.7 SEALING AND MARKING**

The bidder would provide all the information as per this RFP and KSIDC would evaluate only the financial bid only if the fees are quoted as per the format in e-tender portal. The Technical Bid and Financial Bid should be uploaded in e-tender site and the full set of technical bid alone should be sent to client in hard copy and should reach before 3.00 pm 26-11-2021.

### **i. Technical Bid**

Applicants shall submit proposals in English with all the documents by uploading in E-tender portal and in a sealed cover dully self-attested conforming to prescribed formats provided in Annexure I to VII super scribing each as Original as hardcopy to client's office. This envelope shall contain the following:

- i. Covering letter (Annexure I)
- ii. Index (giving list of contents and corresponding page numbers in the proposal document)
- iii. Copy of this RFP document duly signed on each page as a token of acceptance of all the terms & conditions of this bid.
- iv. Methodology: A detailed plan indicating how the firm proposed to carry out the proposed study. The plan should include the rationale behind the intended methodology and number / type of personnel proposed to be deployed for the assignment.
- v. Company Profile (Annexure II)
- vi. Summary of Permanent Key Professionals (Annexure III)  
Summary of Financial Performance (Annexure IV)
- vii. Detailed particulars of feasibility study conducted and detailed project report prepared (Annexure V)
- viii. Abstract of Project Management Consultancy Services (Annexure VI) carried out in



- last five years
- ix. Detailed particulars of assignments completed/in-progress (Annexure – VII)
  - x. Curriculum Vitae of permanent key professional staff (Annexure - VIII)
  - xi. Audited annual accounts for the last three years
  - xii. Work Order / Work completion order/performance letter, etc.
  - xiii. Undertaking certifying that the firm has not been blacklisted or debarred by any Central/State Governments/Govt Departments/ Govt Bodies/PSU's.
  - xiv. Other documents, if any

8.7.1.1. The proposal (original and duplicate), shall be signed by the applicant or duly authorized person (s). The authorization shall be indicated by written power of attorney.

8.7.1.2. The proposal should be submitted by Registered post/speed post or in person only. Proposals received by facsimile/e-mail shall be treated as invalid and rejected. Only detailed complete proposals received prior to the closing date of the proposals shall be taken as valid.

8.7.1.3. The last date for the receipt of the proposal in hardcopy is 26-11-2021 (3.00 PM).

8.7.1.4. Proposals received after the specified date shall not be considered for evaluation.

8.7.1.5. Applicants are not permitted to modify, substitute, or withdraw after submission of proposal.

8.7.1.6. During evaluation of the proposals, KSIDC may, at its discretion, ask applicants for clarifications on their proposal.

8.7.1.7. The Authority reserves the right to verify all statements, information and documents, submitted by the Applicant in response to the RFP. Any such verification or the lack of such verification by the Authority to undertake such verification shall not relieve the Applicant of its obligations or liabilities hereunder nor will it affect any rights of the Authority there under.

8.7.1.8. In case it is found during the evaluation or at any time before signing of the Agreement or after its execution and during the period of subsistence thereof, that one or more of the eligibility conditions have not been met by the Applicant or the Applicant has made material misrepresentation or has given any materially incorrect or false information, or has history of poor performance, the Applicant shall be disqualified forthwith if not yet appointed as the Consultant either by issue of the LOA or entering into the Agreement, and if the Selected Applicant has already been issued the LOA or has entered into the Agreement, as the case may be, the same shall, notwithstanding anything to the contrary contained therein or in this RFP, be liable to be terminated, by a communication in writing

by the Client without the Client being liable in any manner whatsoever to the Selected Applicant or Consultant, as the case may be.

8.7.1.9. In such an event, the Client shall forfeit appropriate Performance Security, if available, as mutually agreed pre-estimated compensation and damages payable to the client for, inter alia, time, cost and effort of the Authority, without prejudice to any other right or remedy that may be available to the client.\

8.7.1.10. The sealed hardcopy of technical bid shall be submitted in “ORIGINAL” only and be marked “TECHNICAL BID” for Project Management Consultancy to Carry out the Feasibility Study, DPR and project management for the execution of establishing COMMON STP AND ETP in the Bio 360 Life Sciences Park, Thonnakkal, Thiruvananthapuram District, Kerala.

8.7.1.11. The hardcopy thus sealed as above, shall be furnished to:

**The Chief Executive Officer,  
Kerala Life Sciences Industries Park Private Limited(KLIP),  
Kerala State Industrial Development Corporation Ltd.  
Keston Road, Kowdiar, Thiruvananthapuram – 695003, Kerala  
Ph: +91 471 2318922, Fax: +91 471 2315893,  
Email: enquiry@ksidcmail.org**

8.7.1.12. If the envelopes are not sealed and marked as instructed above, the Authority assumes no responsibility for the misplacement or premature opening of the contents of the Bid and consequent losses, if any, suffered by the Bidder.

ii. **Financial Bid**

Financial bid shall be submitted as percentage rate of the total estimated cost or actual value of work executed as per the prescribed format in excel sheet in the e-tender portal. If the bid is submitted not as per format prescribed, then such bid will be rejected. (Pl see Annexure – IX)

## **9 PROCEDURE FOR OPENING OF BIDS**

- i. Bids received on or before 26-11-2021 by 3.00 PM (IST) will only be considered for evaluation. The bid opening authority will not consider any bid received after expiry of time and date specified.
- ii. The bids shall be opened in two stages as technical bid and financial bid. Technical Bid will be opened on 26-11-2021 at 3.30 PM. The authorized representatives of the interested

bidders may like to be present during opening of bids.

- iii. The bid inviting authority reserve the right to reject any or all bids or to accept any bid wholly or in part without assigning any reasons whatsoever to anybody
- iv. The successful bidder shall furnish the originals of all the documents/certificates/statements, furnished by him along with bid for verification and return before concluding the agreement.
- v. Technical bid we will be evaluated as per the clause 10 mentioned in the RFP.
- vi. Work will be awarded to the successful bidder who has quoted the lowest percentage rate for the project and the successful bidder must execute an agreement with client and should remit an amount corresponding to 5 % of the total value of work (including the EMD of Rs 25,000 already remitted during bid submission) as a performance grantee of the project within 14 working days.

For any further details/clarifications please contact:

**Biju.B. G**  
**Assistant General Manager,**  
**Life Sciences Park**  
**Bio 360 Life Science Park,**  
**16<sup>th</sup> Mile, Thonnakkal, Thiruvananthapuram**  
**Telephone - +919847936409**  
**Pin:695317**

## **10 EVALUATION OF BIDS**

- 10.1 Evaluation Criteria: - Technical Evaluation committee being constituted by KSIDC will evaluate the Technical bid of those who qualifies in minimum eligibility criteria.
  - a) The minimum Technical Score to be obtained in technical evaluation for opening Financial Bid is 75mark

Sl. No.	Particulars	Marks (Max100)	Criteria for awarding the marks
1	Concept, Approach and Methodology	25	Marks shall be awarded based on the quality of approach and methodology proposed by the Applicant.
2	Relevant Experience of Applicant	50	<ul style="list-style-type: none"> <li>• 15 marks will be awarded to the consultant who have conducted feasibility study or detailed project report for at least one ETP project with a minimum capacity of 30 KLD within last 5 years ending 31.03.2021. 5 marks for each additional project limited to three.</li> <li>• 20 marks will be awarded to the consultant who have completed project management consultancy for ETP with a minimum capacity of 30 KLD in an Industrial Park within the last 5 years ending 31.03.2021.</li> <li>• Additional 5 marks for each PMC assignment for any ETP project which has completed within 5 years ending on 31-03-2021 and additional 5 mark for PMC assignment for any EPT project limited to two numbers.</li> </ul>
3	Relevant Experience of the key personnel	25	<ul style="list-style-type: none"> <li>• 5 marks will be awarded to firms having personnel with Masters in Environmental Engineer and 5 years relevant experience in designing and construction of treatment plants.</li> <li>• 5 marks will be awarded to the firm having personnel with Masters in structural engineering and 5 years relevant experience in structural design.</li> <li>• 5 marks will be awarded to the firm having personnel with B.Tech in Civil Engineering and 8 years relevant experience project execution.</li> <li>• 5 marks will be awarded to the firm having personnel with B.Tech in</li> </ul>

			<p>Electrical Engineering and 8 years relevant experience Industrial project execution.</p> <ul style="list-style-type: none"> <li>• 5 marks will be awarded to the firm having personnel with B.Tech in Mechanical Engineering and 8 years relevant experience designing and implementation of STP and ETP plants.</li> </ul>
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10.1.1 The financial bid of those who scores 75 marks or more will only be opened.

10.1.2 The firm quoting lowest percentage will be selected for the assignment.

10.1.3 Work will be awarded to the successful bidder who has quoted the lowest financial quote (as percentage of estimated cost) for the project and the successful bidder must execute an agreement with client and should remit an amount equivalent to 5% (including EMD already remitted during tendering) of the total amount of work awarded to the bidder

**Annexures:**

Annexure I

**APPLICATION**

Date.....

**To,  
The CEO,  
Kerala Life Sciences Industries Park Private Limited(KLIP),  
Kerala State Industrial Development Corporation,  
Keston Road, Kowdiar,  
Thiruvananthapuram**

**Sub:** Appointment of consultant for establishment of COMMON STP AND ETP at Bio 360 Life Sciences Park, Thonnakkal, Thiruvananthapuram District.

**Ref:** RFP Dated \_\_\_\_\_

**Dear Sir,**

Having examined the RFP document indicating scope of works, I/We here by submit our proposal here with all the necessary information and relevant documents for Project Management Consultancy for establishment of COMMON STP AND ETP at Bio 360 Life Sciences Park, Thonnakkal, Thiruvananthapuram District.

The proposal is made by me/us on behalf of.....  
(Company/Firm/Association of individuals) in the capacity of .....duly authorized to submit the proposal.

I/We understand that The Authority reserves the right to reject any proposal without assigning any reason. I/We undertake that all the information furnished by me/us in the proposal is true to the best of me/our knowledge and belief. If any of the information is found to be false on subsequent verification, I/We understand that our bid/agreement shall be rejected/terminated and take that I/We may be debarred from submission of bid to this Authority in future.

**Encl:** As above

**AUTHORISED SIGNATORY**

(Name and Designation)

Name of Firm:

Address:

## Annexure II

### Company Profile

1	Name of the Applicant Firm	
2	Ownership (Government/ PSU/ Private)	
3	Type of Organization: Proprietary firm/Partnership firm/Public Limited Company/Pvt. Limited Company/ Others (please specify and attach proof)	
4	(i) PAN Number (ii) Service Tax Registration Number	
5	Name and Designation of Key Management Person(s)	
6	Date & Year of establishment of firm	
7	Number of years of experience in Consultancy Services	
8	Number of Permanent Employees	
9	Number of Permanent Employees for Consultancy Services	
10	Areas of Consultancy	
11	Core Competency	
12	Any other important information about the organization	

**Signature with seal**

### Annexure III

#### Summary of Permanent Key Professionals

Sl. No.	Name and Designation	Experience In completed Years	Educational/ Professional Qualifications	Number of Years with the Present Employer	Areas of specialization
(1)	(2)	(3)	(4)	(5)	(6)

Signature with seal



## Annexure IV

### Summary of Financial Performance

Year	Turnover from all sources (In Rs. Lakh)	Turnover from consultancy assignments (InRs.Lakh)	Percentage Share of revenue from consultancy assignments	Net profit (in Rs. Lakh)
(1)	(2)	(3)	(4)	(5)
2018-2019				
2019-2020				
2020-2021				

*Note: 1. Financial performance for three consecutive latest financial years for which audited accounts are available should be given.*

*2. Audited annual accounts for the three years for which information is given in the statement above should be provided.*

*3. Figures given in columns (2) and (3) above must match with those given in the Audited Accounts.*

**Signature with seal**

## Annexure V

### Details of Feasibility study or Detailed Project report prepared for Industrial project for the construction of STP and ETP plant

<b>S. No.*</b>	<b>Nature of assignment with detailed scope of services</b>	<b>Client Organization</b>	<b>Period of Assignment</b>	<b>Total capacity of the plant</b>
(1)	(2)	(3)	(4)	(5)

\*Should be consistent with the Sl.No. given in the Proforma for detailed particulars of the assignment.

\*Should furnish the completion certificate issued by the client corresponding to each assignment.

**Signature with seal**

## Annexure VI

### Project Management Consultancy Services Carried out on common STP AND ETP in the Last Five Years.

S. No.*	Nature of assignment with detailed scope of services	Client Organization	Period of Assignment	Total capacity of the plant
(1)	(2)	(3)	(4)	(5)

\*Should be consistent with the Sl.No. given in the Proforma for detailed particulars of the assignment.

\*Should furnish the completion certificate issued by the client corresponding to each assignment.

Signature with seal

## Annexure VII

### Detailed Particulars of Assignments completed/ In-progress

1.	Title of the Survey/ Investigations/ Assignment:	2.	COMMON STP AND ETP details with capacity a) Project cost in Rs.		
3.	Geographical Coverage (States/ districts covered in the survey):	3.	Client Organization:		
4.	No. of Professional Staff employed:	5.	Start Date:(Month/Year)		
6.	Completion Date:(Month/Year)	7.	Duration of Assignment:	8.	No. of Man months provided by firm:
9.	Sample details:	10.	Remuneration received by your firm for Professional Services (in Rs. lakh):		
11.	Names of associated firms, if any:	12.	No. of man-months provided by associated firms:		
13.	Name of senior professionals associated with the Survey/Study/Assignment:				
14.	Brief Description of Survey/ Investigations / Assignment:				
15.	Exact Nature of services provided by your firm:				

**Note:** 1) Please use separate sheet for each assignment

**Signature with seal**

## Annexure VIII

### **Format of Curriculum Vitae (CV) of Permanent Key Professional Staff**

1.	S. No. <i>(should be consistent with the Summary of Key Professionals in Annexure III)</i>	
2.	Name of Staff	
3.	Position	
4.	Date of Birth	
5.	Nationality	
6.	Education <i>[Indicate college/university and other specialized education of staff member, giving names of institutions, degrees obtained, and dates of obtainment]</i>	
7.	Membership of Professional Associations	
8.	Training <i>[Indicate significant training since completion of education]</i>	
9.	Employment Record <i>[Starting with present position, list in reverse order every employment held by staff member since graduation, giving for each employment period of employment, name of employing organization, positions held.]</i>	
10.	Work Undertaken in which the staff has made significant contribution	
11.	Certification:	
<p>I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes myself, my qualifications, and my experience.  Date:  <i>[Signature of staff member or authorized representative of the staff]</i></p>		
12.	Name of authorized representative	
13.	Designation of authorized representative	

**Note:** Please provide separate CVs for each key professional

## **Annexure IX**

### **FINANCIAL PROPOSAL FORM**

We, M/s\_\_\_hereby offer to render the consultancy services for “ Establishment of common STP AND ETP at Bio 360 Life Sciences Park, Thonnakkal, Thiruvananthapuram District.” indicated in the scope of work as per the Terms & Conditions in this document at a fee of ----- %( in words) of total estimated cost of the project (as arrived in DPR) or actual value of work done, whichever is lesser.

The % fees quoted above includes all taxes, duties and out of pocket expenses but exclusive of GST.

**Authorized Signatory**

#### **FOOTNOTE TO BID OFFER:**

- i. The consultants shall carefully fill the bid both in figures and words. Over writing shall not be permitted.
- ii. If on check any difference is found in the bid offer between the percentage given by the consultants in words and figures the lower of the two shall only be considered.
- iii. The bidder is not allowed to make any alterations to the Terms & Conditions. For any such alteration the offer of the consultants is liable for rejection.
- iv. The Authority reserves the right to reject any bid or all the bids without assigning any reason therefor
- v. Financial bid of those bidders will be rejected in case the offer is submitted not as per the format prescribed.
- vi. Conditional bid/offer will not be accepted

Sd/

**Managing Director**