

ATCHUTHAPURAM EFFLUENT TREATMENT LTD (AETL)

Request for Qualification (RFQ)

for

**Upgradation of 1.5 MLD CETP to 2 MLD CETP and for Establishment of
3 MLD new CETP on DBFOT model**

at

**APSEZ De-Notified Area, Atchuthapuram, Vishakhapatnam, Andhra
Pradesh**

April 2021

ATCHUTHAPURAM EFFLUENT TREATMENT LTD (AETL)

ONE STOP SERVICE CENTER, APSEZ, ATCHUTHAPURAM,

VISAKHAPATNAM DISTRICT, ANDHRA PRADESH

Email: md@aetltd.org / Contact 8523866657

Request for Qualification (RFQ) for

Upgradation of 1.5 MLD CETP to 2 MLD CETP and for Establishment of 3 MLD new CETP on DBFOT model at APSEZ De-Notified Area, Atchuthapuram, Vishakhapatnam, Andhra Pradesh

Tender Notice No.: Tender Notice No.01/AETL/Tenders/2021-22 dated 22.04.2021

Document Issued By: ATCHUTHAPURAM EFFLUENT TREATMENT LTD (AETL)

Date Issued: 22nd April, 2021

DISCLAIMER

The information contained in the Request for Qualification (RFQ) document or subsequently provided to Applicants, whether verbally or in documentary or any other form by or on behalf of Atchuthapuram Effluent Treatment Limited, (herein after, AETL) is provided to Applicants on the terms and conditions set out in the RFQ and such other terms and conditions subject to which such information is provided.

The RFQ is not an agreement and is neither an offer nor invitation by the AETL to the prospective Applicants or any other person.

The purpose of this RFQ is to provide interested parties with information that may be useful to them in the formulation of their Application pursuant to this RFQ.

Information provided in this RFQ to the Applicants is on a wide range of matters, some of which depends upon the interpretation of law. The information given is not an exhaustive account of statutory requirements and should not be regarded as a complete or authoritative statement of law. The Authority accepts no responsibility for the accuracy or otherwise for any interpretation or opinion in the law expressed herein.

AETL also accepts no liability of any nature whether resulting from negligence or otherwise however caused arising from reliance of any applicant upon the statements contained in this RFQ. AETL may in its absolute discretion, but without being under any obligation to do so, update, amend or supplement the information, assessment or assumption contained in this RFQ.

Upon evaluation of the Applications by Prospective Developers / Applicants, the issue of the RFP to shortlisted parties does not imply that AETL is bound to select any Applicant or to appoint the Selected Applicant, as the case may be, for the said project and AETL reserves the right to reject all or any of the applications without assigning any reasons whatsoever.

The Applicant shall bear all its costs associated with or relating to the preparation and submission of its applications including but not limited to preparation, copying, postage, delivery fees, expenses associated with any demonstrations or presentations which may be required by AETL or any other costs incurred in connection with or relating to its application. All such costs and expenses will remain with the Applicant and AETL shall not be liable in any manner whatsoever for the same or for any other costs or other expenses incurred by an Applicant in preparation or submission of the application, regardless of the conduct or outcome of the shortlisting process.

AETL and/or its officers, employees disclaim all liability from any loss or damage, whether foreseeable or not, suffered by any person acting on or refraining from acting because of any information including statements, information forecast, estimates or projections contained in this document or conduct ancillary to it whether or not the loss or damage arises in connection with any omission, negligence, default, lack of care or misrepresentation on the part of AETL and / or any of its officers, employees.

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LIST OF ACRONYMS

Ac	Acre
AETL	Atchuthapuram Effluent Treatment Limited
APIIC	Andhra Pradesh Industrial Infrastructure Corporation Limited
BOD	Biological Oxygen Demand
CETP	Common Effluent Treatment Plant
COD	Chemical Oxygen Demand
DBFOT	Design Build Finance Operate and Transfer
HTDIS	High Total Dissolved Solids
KL	Kiloliter
KLD	Kiloliters per Day
LTDIS	Low Total Dissolved Solids
m	Meter
mg/L	Milligram per Liter
m ³	Cubic Meters
m ³ /hr	Cubic Meter per Hour
MLD	Million Liters per Day
RFQ	Request for Qualification
TDS	Total Dissolved Solids
TSS	Total Suspended Solids

1 LETTER OF INVITATION

ATCHUTHAPURAM EFFLUENT TREATMENT LTD (AETL)

One Stop Center, APSEZ, Atchuthapuram, Visakhapatnam District (A.P).

Email: md@aetltd.org / Cell: 8523866657

Sir/Madam,

Sub: Selection of Developers on DBFOT basis for Upgradation of 1.5 MLD CETP to 2 MLD CETP and Establishment of 3 MLD CETP for AETL at APSEZ De-Notified area, Atchuthapuram, Vishakhapatnam - Reg

AETL, solicits applicants for Development of CETPs under DBFOT Mode at APSEZ, Atchuthapuram, Vishakhapatnam. Brief about the proposed project and services solicited are provided at Section 5 in this Request for Qualification (RFQ) document.

AETL at the initial stage solicits Applications against the RFQ. Further after the pre-qualification stage, the Request for Proposal (RFP) along with Draft Concession Agreement (CA) will be issued to shortlisted parties. Based on the Proposals submitted against the RFP issued, the technical & financial evaluation will be carried out and the shortlisted party shall be issued a Letter of Intent (LoI). On in principal acceptance of the terms & conditions as per the CA, the Letter of Award (LoA) is issued to the party, who within seven days need to sign the CA with AETL.

Interested parties are invited to participate in the pre-qualification process and can download the document from APIIC website www.apiic.in. Prospective parties can submit their applications as per the attached RFQ document.

AETL shall shortlist the parties as per the procedure described in the RFQ. You may send hard copies in a sealed cover, addressed to the Managing Director, Atchuthapuram Effluent Treatment Limited (AETL), One Stop Center, APSEZ, Atchuthapuram, Visakhapatnam District, Andhra Pradesh on or before 3.00 PM on **17-05-2021** as per the attached RFQ document. You may read detailed instructions for bidders before sending the hard copies.

It is mandatory for applicants to submit within stipulated time failing which the RFQs are liable to be rejected. AETL also reserves the right to accept or reject any or all the applications without assigning any reasons thereof.

Yours faithfully,

Managing Director,
AETL, Vishakhapatnam

Encl: RFQ

2 INSTRUCTIONS TO APPLICANTS

2.1 Part I

1. Definitions

- a) Employer or AETL means Atchuthapuram Effluent Treatment Limited who has invited applications for Upgradation & Establishment of CETPs in DBFOT Mode with whom the selected party signs the development management agreement (DMA)/ concession agreement (CA).
- b) "Applicant" means any entity or person or associations of person who submits their applications against the RFQ expressing their interest to participate in the bid to develop the project on DBFOT mode to the Employer under the concession agreement.
- c) "Day" means calendar day.
- d) "Instructions to applicants" means the document which provides information to prospective applicants/ developers / parties with all information needed to prepare their application.
- e) "Personnel" means professionals and support staff provided by the party selected for development of the project on DBFOT mode;
- f) "Application" means the Request for Qualification (RFQ) application.
- g) "RFQ" means the Request for Qualification prepared by the Employer for the shortlisting of applicants to whom thereafter the Request for Proposal (RFP) will be issued to submit the proposals for development of the project on DBFOT mode for shortlisted applicants in RFQ.
- h) "Project Brief" means the document included in the RFQ as Section 5 which explains the project requirements

2. Introduction

2.1. AETL intend to appoint a developer to upgrade existing and establish proposed CETPs at APSEZ, Atchuthapuram, Visakhapatnam in the State of Andhra Pradesh for a limited Period from the date of signing of concession.

2.2. The developer is broadly expected to:

- a) Study the existing 1.5 MLD CETP, understand the present requirements, characterization of effluents, need for upgradation to 2 MLD plant, Design, Build, Finance, Operate and Transfer (DBFOT) model for the CETP constructed.

- b) Establishing the proposed 3 MLD new CETP, understand the requirements, characterization of effluents and Design, Build, Finance, Operate and Transfer (DBFOT) model for the CETP constructed.

2.3. The date, time and address for submission of the application have been given in Part II Data Sheet

2.4. The applicants are invited to submit their applications, for the projects named in the Part II of Data Sheet. The applications will be the basis for issuance of RFPs to shortlisted applicants / parties and ultimately select the successful bidder.

2.5. Applicants should familiarize themselves with local conditions and take them into account in preparing their applications. If any clarification is required on any clause/condition of the RFQ, the same may be forwarded within the prescribed time period i.e. before the 'last date for queries' to the Employers' representative.

2.6. Applicants shall bear all costs associated with the preparation and submission of their applications. The Employer is not bound to accept any application and reserves the right to annul the selection process at any time prior to shortlisting and issuance of RFPs to shortlisted parties without thereby incurring any liability to the applicants.

3. Clarifications and Amendment of RFQ Document

3.1. Applicants may request a clarification /query on any clause of the RFQ document within the timeframe indicated in the Part II Data Sheet. Any request for clarification must be sent in writing or e-mail to the Employer's address/email indicated in the Part II Data Sheet. The Employer will respond in writing or by e-mail and post all such clarifications through email at md@aetltd.org before 3 pm on **30-04-2021**.

3.2. At any time before the submission of applications, the Employer may amend the RFQ by issuing an addendum in writing or at bidding site. The addendum shall be binding on all Applicants. Applicants shall acknowledge receipt of all such amendments. To give the Applicant reasonable time in which to take an amendment into account in their applications, the Employer may, if the amendment is substantial, extend the deadline for the submission of Application.

3.3. Pre-bid meeting will be convened on **05-05-2021** to clarify any concerns bidders may have with the solicitation documents, scope of work and other details of the requirement. This meeting will be formal through Video Conference and the proceedings or MOM of the pre-bid meeting will be made available in writing to all prospective bidders through email **before 07-05-2021**.

4. Conflict of Interest

- 4.1. The Employer requires that Applicants provide professional, objective and impartial services and at all times hold the Employer's interests paramount, strictly avoid conflicts with other assignment/jobs or their own corporate interest and act without any consideration for future work.
- 4.2. Without limitation on the generality of the foregoing, Applicants, and any of their affiliates, shall be considered to have a conflict of interest and shall not be appointed, under any of the circumstances if, they are directly or indirectly related to the development of the project
- 4.3. Conflicting Relationships: An Applicant who has a business or family relationship with a member of the Employer's staff who is directly or indirectly involved in any part of the project shall not be awarded the Contract, unless the conflict stemming from this relationship has been resolved in a manner acceptable to the Employer throughout the selection process and the execution of the Contract.
- 4.4. Applicants have an obligation to disclose any situation of actual or potential conflict that impacts their capacity to serve the best interest of their Employer, or that may reasonably be perceived as having this effect. Any such disclosure shall be made as per the forms of technical proposal provided herewith. If the applicant fails to disclose said situations and if the Employer comes to know about any such situation at any time, it may lead to the disqualification of the applicant during bidding process or the termination of its contract during execution of the assignment.

5. Unfair Advantage

If an applicant/bidder could derive a competitive advantage from having provided assignment/job related to the assignment/job in question, and which is not defined as conflict of interest as per para above, the Employer shall make available to other prospective bidders with all information that would in the respect give such applicant /bidder any competitive advantage over competing bidders

6. Application

Applicants shall submit only one Application for this project. If an applicant submits or participates in more than one application, such applications shall be disqualified

7. Validity

Part II Data Sheet indicates how long Applicants' proposals must remain valid after the submission date. During this period, Applicants shall maintain the availability of resources mentioned in the application. The Employer will make its best effort to complete evaluation and shortlisting of the applicants for issuance of RFPs within this period. Should the need arise; however, the Employer may request applicants to extend the validity period of their applications. Applicants who agree to such extension shall confirm that they maintain the availability of the resources nominated in the

project; Applicants could submit new staff during RFP stage, which would be considered in the final evaluation for award of the contract. Applicants who do not agree have the right to refuse to extend the validity of their applications. Under such circumstance, the Employer shall not consider such applications for evaluation

8. Preparation, submission and opening of Application

- 8.1. The Application as well as all related correspondence exchanged by the Applicants and the Employer shall be written in English language, unless specified otherwise.
- 8.2. In preparing their Application, applicants are expected to examine in detail the documents comprising the RFQ. Material deficiencies in providing the information requested may result in rejection of the application.
- 8.3. While preparing the Application, Applicants must give particular attention in understanding the details of the Project to be upgraded in Phase 1 & Project to be established in Phase 2
- 8.4. Applicants are required to submit the applications using the Technical Qualification Forms provided in Section -3. Part II and Data Sheet in Section – 2 indicates the format of the Technical Qualification forms to be submitted.

Submission of the wrong type of Technical Forms will result in the application being deemed non-responsive. The Technical forms shall provide the information indicative in the following para from (a) to (f) using the attached Forms (Section 3). Form TECH-1 in Section – 3 is a sample letter of technical proposal submission, which is to be submitted along with the technical proposal.

- a) A brief description of the Applicants organization will be provided in Form TECH-2 (Section-3). In the same form, the applicant will provide details of experience of assignments which are similar to the proposed development activity as per the project brief. The outline should indicate the names of Professional staff who participated, nature and duration of the project, contract size, and status of the project. Information should be provided only for those projects for which the applicant was legally contracted by an Employer as a corporation or as one of the major firm/entity within a joint venture.
- b) Comments and suggestions on the Project including workable suggestions that could improve the quality/ effectiveness of the project (Form TECH-3 of Section 3)
- c) A description of the brief Business Plan for developing and running the project on DBFOT mode under Form TECH -4 of Section 3. The plan should be consistent with the Work Schedule (Form TECH-7 of Section 3) which will be shown in the form of a Gantt chart the timing for each activity.
- d) The list of the proposed Professional staff team by area of expertise, the position that would be assigned to each staff team member and their tasks to be provided in Form TECH-5 of Section 3.

- e) CVs of the Professional staff as mentioned in para 8.4(d) above signed by the staff themselves or by the authorized representative of the Professional Staff (Form TECH-6 of Section 3).
- f) Indicative work schedule should be given in Form TECH-7 of Section 3. Information relating to “conflict of interest” should be furnished in Form TECH-8 of Section 3.
- g) The bidder should submit bids on or before time and date and address mentioned in RFQ. Last Date for submission of bid is **17-05-2021** (seven days after pre bid meeting) at 3.00 PM

Address for submission of bids
The Managing Director,
AETL, One Stop Service Centre,
APSEZ-Atchuthapuram, Visakhapatnam

9. Application Evaluation

From the time the applications are opened to the time of shortlisting of the parties for issuance of RFPs, the applicants should not contact the Employer on any matter related to its applications. Any effort by applicants to influence the Employer in the examination, evaluation, and recommendation for shortlisting may result in the rejection of the application.

The Employer has constituted a Bid Evaluation Committee (BEC) for evaluation and shortlisting of applicants to whom the RFPs will be issued. The BEC will carry out the evaluation process.

Evaluation of Technical forms: The BEC shall evaluate the Technical Qualification forms on the basis of their responsiveness to the project and by applying the evaluation criteria and sub-criteria in Clause 10 of part II of Section 2 - Instruction to Applicants.

9.1. Criteria for Evaluation of Technical forms:

The criteria defined in Clause 10 of part II of Section 2 – Instruction to applicants would be followed for evaluation of technical forms. Only applicants obtaining a total score of 70 (on a maximum of 100) or more on the basis of criteria for evaluation given below would be declared technically qualified.

Financial qualifications would be evaluated to see the strength of the applicants.

10. Shortlisting of Applicants

After evaluation of the applications the Employer shall issue the RFPs to the shortlisted applicants.

The applicant is expected to submit the proposal for the DBFOT project as per the RFP issued to them.

11. Confidentiality

Information relating to evaluation of applications and recommendation concerning shortlisting shall not be disclosed to the applicants who submitted the application or to other persons not officially concerned with the process, until the shortlisting process is completed. The undue use by any applicant of any information related to the process may result in the rejection of its application and may be subject to the provisions of the Employer’s antifraud and corruption policy

12. Joint Venture Applicants

The bidders may associate to submit the applications in consortia. The lead partner should have qualified the minimal technical and financial criteria. The lead partner should also have a stake of 26 % and above in the SPV company if formed out of the consortia and should also qualify the minimum technical criteria as specified in Part – II Data Sheet

2.2 Part II – DATA SHEET (Project Specific Information)

Clause No.	Ref. Para of Section 2 of part.1	Particulars of data sheet		
1	1(a) & 2.1	Name of the Employer: Atchutapuram Effluent Treatment Limited (AETL)		
2	2.2	Name of the PPP Project : Upgradation of 1.5 MLD CETP to 2 MLD CETP and establishment of 3 MLD new CETP (1 MLD HTDIS + 2 MLD LTDIS) on DBFOT model at APSEZ De-Notified Area, Atchuthapuram, Visakhapatnam, Andhra Pradesh		
3	3(3.1)	Last date & time and address for submission of queries as mentioned in this RFQ - 30-04-2021 upt to 3.00 PM.		
4	3(3.3)	Date & Time of Pre-bid Meeting: 05-05-2021 at 3.00 PM		
5	8 (g)	Last date & time and address for submission of application as mentioned in this RFQ		
6	8 (h)	Opening of Applications		
7	7	Applications must remain valid for 90 days after the last date of submission.		
8	8.4	The formats of the Technical & Financial Forms to be submitted are		
		Form Tech1: Letter of Technical Qualification forms submission		
		Form Tech2: Applicants organization and experience		
		Form Tech3:Comments & suggestions on project		
		Form Tech4: Indicative Business Plan for the DBFOT Project		
		Form Tech5:Team Composition		
		Form Tech6: Curriculum Vitae		
		Form Tech7:Work Schedule		
		Form Tech 8: Information regarding any conflicting activities and declaration thereof		
		Form Tech 9: Power of Attorney Format		
		Form Fin1:		
9	9(9.1)	Evaluation Criteria		
		Criteria, sub-criteria and point system for evaluation to be followed under this procedure is as under:		
			Criteria & Sub-Criteria	Points
		A	Previous Experience (Projects Handled)	50
			Specific experience of projects developed in PPP mode for a minimum of 50 % capacity of the proposed project 5 MLD total capacity	40
			The applicant must have executed a project of a minimum of 2.5 MLD capacity in any type of PPP mode	
			Specific experience of projects in DBFOT mode	10
		B	Methodology	40

Clause No.	Ref. Para of Section 2 of part.1	Particulars of data sheet	
		Understanding of the Project, Adequacy of the indicative Business plan and work plan in responding to the Terms of Reference	
		<ul style="list-style-type: none">• Business Plan	20
		<ul style="list-style-type: none">• Work Plan	20
	C	Team Resources	10
10	9 & 10	Method of shortlisting for Issuance of RFPs: <ul style="list-style-type: none">• In deciding the shortlisting of the applicant should get at least 70 marks of 100 marks• The applicant should qualify all financial qualification criteria given	

3 TECHNICAL QUALIFICATION FORMS

3.1 Form Tech-1 – Letter of Technical Forms Submission

FORM TECH-1

Letter of Technical Forms Submission

[Location/date]

To,
The Managing Director
AET Limited,
One Stop Centre, APSEZ
Atchuthapuram.

Dear,

We the undersigned, submit our application for “Upgradation of 1.5 MLD CETP to 2 MLD CETP and Establishment of 3 MLD new CETP (1 MLD HTDIS + 2 MLD LTDIS) on DBFOT Model at APSEZ, De-Notified Area, Atchuthapuram, Visakhapatnam, Andhra Pradesh”. In accordance with your Request for Qualification dated (Insert Date). We are here by submitting hard copies of the same, which includes this Technical qualification forms, and a Financial qualification forms. We hereby declare that all the information and statements made in this application are true and accept that any misinterpretation contained in it may lead to out disqualification.

We understand you are not bound to accept any Applications you receive.

Yours sincerely,

Authorized signature (in full and details)

Name and title of Signatory:

Name of Firm / entity:

Address:

3.2 Form Tech-2 – Applications’ Organization and Experience

FORM TECH-2

APPLICATIONS’ ORGANISATION AND EXPERIENCE

A. Applicants’ Organization

(Provide here a brief description of the back ground and organization of your firm / institution/ entity and each associate for this assignment / job. The brief description should include ownership details, date and place of incorporation of the organization/company (attach certificate), objectives of the company etc. Also if the applicant has formed an association, details of each member of the Association, name of lead members etc. shall be provided)

1. General Information

1.1 Information about the Applicant / Agency/ company(s)

- Name
- Address
- Telephone Number
- Fax number
- Email Address

1.2 Size of the Applicant / Agency/ company(s)

Provide turn-over figures and employee strength for the Past three financial years *(If applicable)*.

1.3 Geographic Presence

Provide geographical spread of your firm / entity, especially presence in different regions in India

B. Applicants ’s Experience

2.1 Specific experience in developing projects in PPP mode of Minimum 2.5 MLD capacity

(Using the format below provide information on each assignment for which your organization has provided support as required under this project.)

(Please cite firm references for a maximum 4 relevant projects. If more than 4 project citations are provided, only the first 4 will be considered for the purpose of evaluation. Each firm reference should start on a separate page.)

2.2 Specific experience in developing projects in DBFOT mode

(Using the format below provide information on each assignment for which your applicant has provided support as required under this assignment.)

(Please cite firm references for a maximum 3 relevant projects. If more than 4 project citations are provided, only the first 3 will be considered for the purpose of evaluation. Each firm reference should start on a separate page.)

Assignment Name:	Cost of the project (In Indian Rupees):
Country & location in the Country	Duration of assignment (months):
Name of the Employer:	Total no. of staff-months of the assignment:
Address:	Approx. value of the services provide by your consultancy under the contract : (In INR):
Start Date (month / year) Completion date (month / year)	No. of professional staff – months provided by associates Applicant:
Size of the project in MLD	Name of senior professional staff of your consultancy involved and functions performed
Narrative description of Project:	
Description of status of the project:	

3.3 Form Tech-3 – Comments and Suggestions on the Project

FORM TECH-3

COMMENTS AND SUGGESTIONS ON THE PROJECT

A. On the project

(Suggest and justify here any modifications of improvement to the project concept you are proposing to improve performance in carrying out the assignment/job (Such as deleting some activity you consider unnecessary, or adding another, or proposing a different phasing of the activities). Such Suggestion should be concise and to the point)

B. On Inputs & Facilities to be provided by the Employer

The Employer would render necessary support interns of information/discussions/ documents/ field visits / coordination with other agencies and logistics, wherever considered necessary in completion of the Project. The employer will interact with the applicant for exchange of documents / information and discussion.

3.4 Form Tech-4 – Description of Business Plan

FORM TECH-4

DESCRIPTION OF BUSINESS PLAN

3.5 Form Tech-5 – Team Composition and Task Assignment / Jobs

FORM TECH-5

TEAM COMPOSITION AND TASK ASSIGNMENT / JOBS

Professional Staff

S. No	Name of Staff	Area of Expertise	Post/ Task Assigned for this job

3.6 Form Tech-6 – Curriculum Vitae (CV) for Proposed Professional Staff

FORM TECH-6

CURRICULUM VITAE (CV) FOR PROPOSED PROFESSIONAL STAFF

1. Proposed Position:
(For each position of key professional, separate form Tech-6 will be prepared)
2. Name of Firm / entity:
(Insert name of consultancy proposing the staff)
3. Name of Staff:
(Inset full name)
4. Date of Birth:
5. Nationality:
6. Education:
7. Membership of Professional Association:
8. Other Training:
9. Countries of Work Experience:
10. Languages Known:
11. Employment Record:
(Starting with present position, list in reverse order every employment held by staff member since first employment, giving for each employment (see format here below): date s of employment, name of employing organization, Positions held):

From (Year):

To (Year): Employer:

Positions held:
12. Detailed Tasks Assigned
(List all tasks to be performed under this Assignment / job)
13. Work Under taken that best illustrates capability to handle the Tasks assigned (Among the Assignment / jobs in which the staff has been involved, indicated the following information for those Assignment / jobs that best illustrate staff capability to handle l the tasks listed under point 12.)

Name of Assignment / job or project:
Year:
Location:
Main project features:
Positions held:
14. Certification:

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes me, my qualifications, and my experience. I understand that any willful misstatement described herein may lead to by disqualification or dismissal, if engaged.

Date:

Place:

(Signature of staff member or authorized representative of the staff)

(Full name of authorized representative):

3.7 Form Tech-7 – Work Schedule

FORM TECH-7

WORK SCHEDULE

S. No.	Activity	Months					Total Months
		1	2	3	4	5	
1							
2							
3							
4							
5							
6							
7							
8							

Note:

1. Indicate all main activities of the Assignment / job including deliver of reports (e.g., inception, interim, draft and final reports/ periodic reports), and other benchmarks such as Employer approvals. For phased assignment / jobs indicate activities, delivery of reports, and bench marks separately for each phase.
2. Duration of activities should be indicated in the form of a Bar chart.

3.8 Form Tech-8 – Information Regarding any Conflicting Activities and Declaration there of

FORM TECH-8

INFORMATION REGARDING ANY CONFLICTING ACTIVITIES AND DECLARATION THERE OF

(Are there any activities carried out by your consultancy which are of conflicting nature as mentioned in Para 4 of Section 2. If yes, please furnish details of any such activities. If no, please certify as follows :)

We hereby declare that our consultancy is not indulged in any such activities which can be termed as the conflicting activities under Para 4 of the Section 2. We also acknowledge that in case of misrepresentation of the information, our proposals / contract shall be rejected / terminated by the Employer which shall be binding onus.

Authorized Signature (in full and initials):

Name of Title of Signatory:

Name of agency:

Address:

3.9 Form Tech-9 – Power of Attorney for Signing of Proposal

FORM TECH-9

Power of Attorney for signing of Proposal

(To be executed on a stamp paper of Rs.100/-)

Having known all terms and conditions of this tender, We, _____ (Name of the company and address of the registered office) do hereby irrevocably constitute, nominate, appoint and authorized Mr./Ms (Name), son / daughter / wife of _____ and presently residing at _____ who is presently employed with us and holding the position of _____ as our true and lawful attorney (herein after referred to as the “Attorney”) to do in our name and on our behalf, all such acts, deeds and things as re necessary or required in connection with or incidental to submission of our tender for providing services pertaining to “Agricultural Market Intelligence and Intervention Strategies”, including but not limited to signing and submission of all applications, tenders and other documents and writings, participate in Tenders and other conference and providing information / responses to the AETL representing us in all matters before the Department, signing and execution of all contracts including the agreement and undertakings consequent to acceptance of our tender, and generally dealing with the Department in all matters in connection with or relating to or arising out of our tender for providing the said services and / or upon award thereof to us and / or till the entering into of the agreement with the Department.

AND we hereby agree to ratify and confirm and do hereby ratify and confirm all acts, deeds and things lawfully done or caused to be done by our said Attorney pursuant to and in exercise of the powers conferred by this Power of Attorney and that all acts, deeds and things done by our said Attorney in exercise of the powers hereby conferred shall and shall always be deemed to have been done by us.

IN WITNESS WHERE OF WE _____ THE ABOVE NAMED PRINCIPAL HAVE EXECUTED THIS POWER OF ATTORNEY ON THIS ___ DAY OF 2021.

For _____
(Signature)
(Name, Title and Address)

Witnesses:
(Signature)
(Name, Title and Address)

Accepted (Notarized)
(Signature)
(Name, Title and Address of the Attorney)

Notes: *The mode of execution of the power of Attorney should be in accordance with the procedure, of any, laid down by the applicable law and the charter documents of the executants(s) and when it is so required, the same should be under common seal affixed in accordance with the required procedure. Also, wherever required, the bidder should submit for verification the extract of the charter documents and documents such as a resolution / power of attorney in favour of the person executing this Power of Attorney for the Delegation of power hereunder on behalf of the bidder.*

4 FINANCIAL QUALIFICATION FORMS

4.1 Form Fin-1 – Letter of Proposal Submission

FORM FIN-1

LETTER OF PROPOSAL SUBMISSION

To,
The Managing Director
AET Limited,
One Stop Centre, APSEZ
Atchuthapuram.

Dear.....,

We the undersigned, develop Upgradation of 1.5 MLD CETP to 2 MLD CETP and Establishment of 3 MLD new CETP (1 MLD HTDIS + 2 MLD LTDIS) on DBFOT Model at APSEZ, De-Notified Area, Atchuthapuram, Visakhapatnam, Andhra Pradesh” In accordance with your Request for Qualification date (Insert Date).

Our attached Financial qualification forms

Yours sincerely,

Authorized signature (in full and details)

Name and title of Signatory:

Name of Firm / entity:

Address:

4.2 Form Fin-2 – Financial Qualification forms bid

FORM FIN-2

Financial Qualification forms Bid

<u>Applicant Eligibility Confirmation and Information</u>	<u>Applicant Response</u>
1. What year was your firm/organization established?	
2. In what state/country is your firm/organization established?	
3. Has your firm/organization ever filed or petitioned for bankruptcy? (If YES, explain in detail the reasons why, filing date, and current status.)	Yes ____/No ____
4. Have you ever been terminated for non-performance on a contract? If YES, describe in detail.	Yes ____/No ____
5. Have you ever been suspended or debarred by any government, or other organization? If YES, provide details, including date of reinstatement, if applicable.	Yes ____/No ____
6. Has your organization in profit for the past five years? (Provide P & L and Balance sheets for past five years)	Confirm: Yes ____/No ____
7. Has your organizations defaulted any bank payments?	Confirm: Yes ____/No ____
8. Have you left any PPP project in between? If yes provide details & current status	Confirm: Yes ____/No ____
15. Is any of the project in arbitration? If yes Please provide details.	Confirm: Yes ____/No ____

I, _____, certify that I am _____ of _____; that by signing this Proposal for and on behalf of _____ I am certifying that all information contained herein is accurate and truthful and that the signing of this application is within the scope of my powers.

(Seal)

(Signature)

(Date)

(Authorized Signatory)

Authorized signature (in full and details)

Name and title of Signatory:

Name of Firm / entity:

Address:

5 PROJECT BRIEF

Upgradation of 1.5 MLD CETP to 2 MLD CETP and Establishment of 3 MLD new CETP on DBFOT model at APSEZ De-Notified Area, Atchuthapuram, Vishakhapatnam, Andhra Pradesh

5.1 Introduction

- APSEZ is a multiproduct SEZ developed by APIIC in an extent of Ac.5595.47.
- APSEZ provided with infrastructural facilities for various Engineering, Chemical and Petrochemical industries located in processing area.
- The effluent generated from the industries in SEZ & Non- SEZ will be treated in Common Effluent Treatment Plant.
- The Ultimate quantity of treated effluent delivered in to the sea is 31 MLD approved by MOEF.
- The Govt. of Andhra Pradesh has issued Go.Ms.No.135, Dt.18.10.2016 approving project structuring of APIIC for construction and operation of CETP in Atchutapuram Industrial Estate through SPV company in Joint Venture with industry members and APIIC.
- M/s. AETL has entered lease agreement on 09.02.2016 for the execution of CETP and work was commenced by M/s. Atchutapuram Effluent Treatment Plant Ltd.

AETL CETP:

The existing CETP has been designed for a capacity of 1.5 MLD in an area of 11 Acres land with existing running capacity of 450 KLD HTDIS system. Now it is required to establish the following CETPs:

Upgradation of existing 1.5 MLD capacity to 2 MLD (1125 KLD HTDS + 875 LTDS) CETP and establishment of new 3 MLD CETP (1 MLD HTDIS + 2 MLD LTDIS) on DBFOT at adjacent to existing 1.5 MLD CETP.

5.2 Objective

To establish the CETPs under DBFOT mode for treating the industrial effluents as per guidelines / norms and treated effluent shall be disposed to marine outfall as per stipulated standards

5.3 Effluent Quantity and Quality Parameters

To establish

Table 5-1: Effluent generation details

As per CFE		As per CFO		As per DPR
HTDS (KLD)	LTDS (KLD)	HTDS (KLD)	LTDS (KLD)	(HTDS + LTDS)
4359	4615	3338	2255	
Total = 8.97 MLD (HTDS+LTDS)		Total = 5.59 MLD (HTDS+LTDS)		Total = 2.52 MLD (HTDS+LTDS)

Total Demand as of now is **11.49 MLD (8.97 MLD + 2.52 MLD)**

Effluent Parameters: Raw effluent parameters to be considered for both CETPs are given in below table

Table 5-2: Raw Effluent Characteristics for CETP

S.No.	Quality Parameter	Concentration	
		HTDS	LTDS
1	pH	5.5 – 9.0	5.5 – 9.0
2	TSS	< 3500 mg/l	< 1000 mg/l
3	TDS	>12000 mg/l Maximum 10% (1,00,000 mg/l)	< 12000 mg/l
4	COD	> 8000 mg/l Maximum 8% (80,000 mg/l)	< 8000 mg/l
5	Ammonical Nitrogen as N	< 1100 mg/l	< 50 mg/l
6	Oil & Grease	< 20 mg/l	< 20 mg/l

Treated effluent characteristics to be as per the standards stipulated by regulatory authorities by time to time:

Table 5-3: Treated Effluent Characteristics

S. No.	Parameter	Concentration
1	pH	6.5 – 9
2	TSS	< 20 mg/l
3	TDS	< 2000 mg/l
4	BOD (5 day @ 20 °C)	< 30 mg/l
5	COD	< 250 mg/l
6	Temperature °C	Ambient
7	Cyanides as CN ⁻	< 0.2 mg/l
8	Chromium (Total) as Cr	< 1 mg/l
9	NH ₃ -N	< 50 mg/l

5.4 Scope of Work

The scope of work including as given below:

Upgradation of 1.5 MLD CETP to 2 MLD CETP of AETL on DBFOT

- Evaluate existing functionalities of treatment system and identify the modifications / upgradation required for enhancing the capacity of CETP upto 2 MLD.
- Establishing the suitable modifications / upgradation of equipment's or civil units required or any additional items for treatment of the effluent as per the design parameters.
- Evaluate and estimate the list of mechanical, and instrumentation/ machinery works required to treat the effluent of capacity upto 2 MLD.
- Provide the technical specifications of items to be installed / modified at various stages of treatment process.
- Design basis for complete civil, mechanical and electrical items for upgradation of 1.5 MLD to 2 MLD CETP
- Upgradation of existing 1.5 MLD capacity to 2 MLD CETP of AETL under DBFOT in

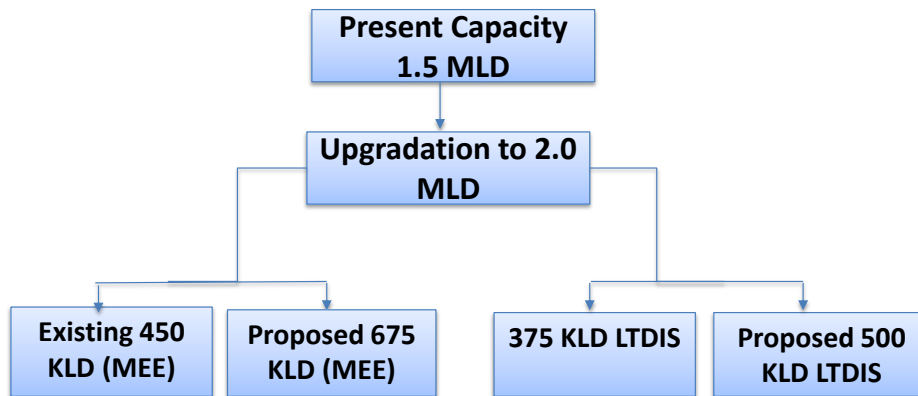


Figure 5-1: Upgradation of 1.5 MLD CETP to 2 MLD CETP in 11 Acres land

Establishment of new 3 MLD CETP (1 MLD HTDIS + 2 MLD LTDIS) on DBFOT at adjacent to existing AETL 1.5 MLD CETP

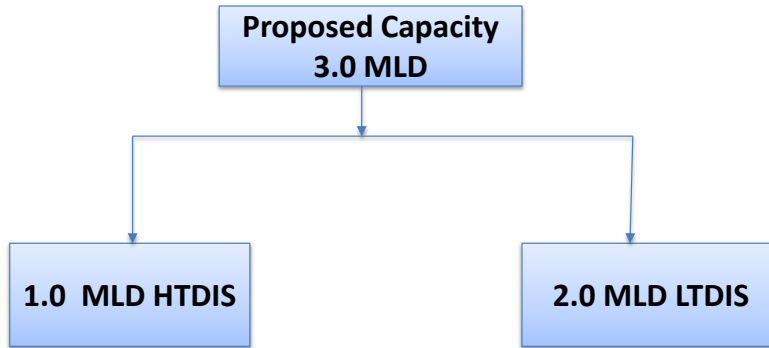


Figure 5-2: Establishment of new 3 MLD CETP (1 MLD HTDIS + 2 MLD LTDIS) in 22 Acres land

Proposed CETPs at APSEZ, Atchuthapuram

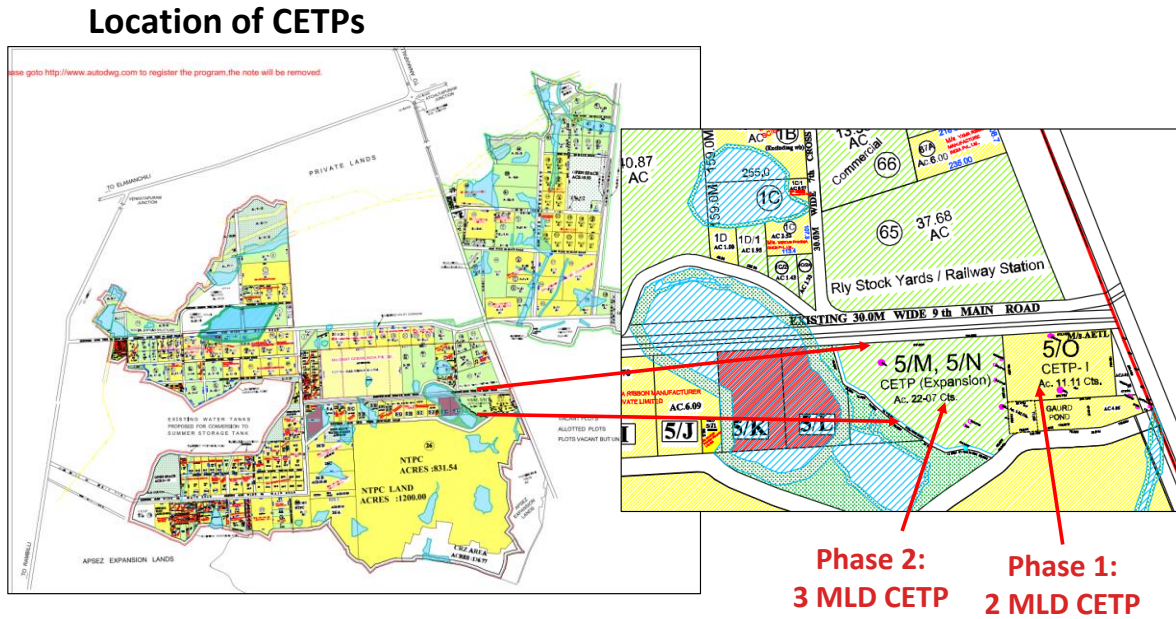


Figure 5-3: CETP location at APSEZ Layout

6 OTHER TERMS & CONDITIONS

- 1.** AETL reserves the right not to accept application from agency resorting to un-ethical practices or on whom investigation / enquiry proceedings have been initiated by Government investigating Agencies/ Vigilance Cell.
- 2.** AETL reserves the right to summarily reject an application received from any agency (ies), without any intimation to the applicant (s).
- 3.** AETL reserves the right to withdraw / cancel the RFQ at any stage.