

Name of Work:- Request for Qualification 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.

REPLIES TO CLARIFICATIONS/SUGGESTIONS/MODIFICATIONS RAISIDE BY THE BIDDERS:

Sl. No.	Page no./ Clause no.	Description of Item	Tender Clause	Clarifications/ suggestions / modifications sought	Replies to Clarifications/ Modifications
1	Pg no 2 of 28/ Clause No 2.2	Time Period	<p>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</p> <p>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.</p>	<p>Kindly provide the timeline for the following:</p> <p>a. Construction period for Upgradation of 1.5 MLD CETP to 2 MLD</p> <p>b. Timeline and Construction period for Proposed 3 MLD CETP</p> <p>C. Concession period of the proposed Project</p>	<p>a) Construction period for Upgradation of 1.5 MLD CETP to 2 MLD : 8 months</p> <p>b) Timeline and Construction period for Proposed 3 MLD CETP : 18 months</p> <p>c) Concession period of the proposed Project : Will be provided in RFP</p>
2	Pg no 2 of 28/ Clause No 2.1	Limited period	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.	Being DBFOT it cannot be a Limited period, we request you to consider Concession Period of 30 years with a provision to extend for another 30 years	Concession period of the proposed Project : Will be provided in RFP

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3	Pg no 3 of 28/ Clause No- General	General	<p>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</p> <p>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.</p>	<p>Kindly provide the following</p> <p>a. Bid Variable</p> <p>b. Payment Mechanism</p> <p>c. Fund support during construction</p> <p>d. Number of Industries</p> <p>f. Present condition of 1.5 MLD CETP</p> <p>g. Minimum Guaranteed quantity of the effluent</p> <p>h. Projected quantity of effluent during concession period</p>	<p>a). Bid Variable: Rs. Per KL (Kilo Liter) of Treated effluent (separately for 2 MLD CETP and 3 MLD CETP)</p> <p>b). Payment mechanism, billing cycle, payment disbursement etc. will be detailed in RFP. The payment will be made through RTGS to Bidders account.</p> <p>c). Fund support during construction: No fund support</p> <p>d). Number of industries: Will be provided in RFP</p> <p>e). Present condition of 1.5 MLD CETP: Bidder has to evaluate the present condition of 1.5 MLD CETP and design for capacity of 2 MLD</p> <p>f). Minimum guaranteed quantity of the effluent: The Demand of the effluent has been quantified as per the industry demand provided in CFE/CFO. The details will be provided in RFP.</p> <p>g). Projected Quantity of effluent during concession period: 2 MLD + 3 MLD as per RFP</p>

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4	Pg no 27 of 28/ Clause No- Figure 5-3	Phase of work	Phase 1: 2 MLD & Phase 2: 3 MLD	We presume that, Phase 2 has to be taken up immediately after completion of Phase 1, kindly confirm	Both projects have to be taken up simultaneously from the date of award of work and completed as per timelines in RFQ.
5	Pg no 26 of 28/ Clause No 5.4	Scope of work	a. Treatment & Disposal of Sludge/ Salt b. Collection of effluents	Kindly clarify the following points a. Whether the disposal of Sludge/ Salts is included in the scope of Bidder? If so, lead for disposal of Sludge / Salts b. Whether the Collection of effluent included in the Scope of the Bidder? If so, number of industries and average lead, mode of transportation etc	a) Disposal of sludge / salts is under Bidder scope only. Bidder has to assess the sludge disposal lead. b) Collection of effluent is under Bidder scope. Transportation of effluent: will be through tankers only. The details of the same shall be provided in the RFP.
6	Pg no 24 of 28/ Clause No 5.2	Scope of work	Page No 24: 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 Page No 25: TDS Limit for Treated Effluent is 2000 mg/l	a. As per the industrial standards TDS limit for marine discharge will be in the range of 12000 to 13000 mg/l but as per the specifications 2000 mg/l is given. b. As the Treatment scheme and establishment cost of the plant depends on TDS limit, kindly confirm the TDS limit for marine discharge	a) The TDS of the treated effluents discharged from CETP to marine outfall shall not be more than the TDS of sea/ as per the Pollution control Board standards for marine disposal
7	Pg no 24 of 28/ Clause No 5.2	Scope of work	Pg No: 24: Design basis for complete civil, mechanical and electrical items	Capacity of the existing plant is not matching with the breakup, kindly	Bidder has to evaluate the existing infrastructure available for 1.5

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			<p>for upgradation of 1.5 MLD to 2 MLD CETP</p> <p>Page No: 26: Existing Plant - 450 KLD MEE & 375 KLD LTDIS totaling to 825 KLD</p>	<p>confirm the existing CETP capacity along with the LTDS & HTDS capacities</p>	<p>MLD CETP and proposed to design the system required to meet the CETP capacity up to 2 MLD (1125 KLD HTDS + 875 KLD LTDS). Please note that 1.5 MLD CETP units are not completely established at present.</p>
8	Pg no 3 of 28/ Clause No 3.3	Pre-bid Meeting	<p>Pre-bid meeting will be convened on 05-05-2021 to clarify any concerns 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.</p>	<p>We presume that, Video conference link will be shared by the Client to attend the Pre bid meeting, kindly confirm</p>	<p>Yes. VC link will be shared</p>
9	Page 8 of 28 /Clause No 9(9.1) : A	Previous Experience	<p>Specific experience of projects developed in PPP mode for a minimum of 50 % capacity of the proposed project 5 MLD total capacity</p> <p>The applicant must have executed a project of a minimum of 2.5 MLD capacity in any type of PPP mode</p> <p>Specific experience of projects in DBFOT mode</p>	<p>We presume that, bidders associate experience will also be considered, kindly confirm</p> <p>Further, we presume that projects executed during last ten years will be considered, kindly confirm.</p>	<p>Yes. Will be considered</p>
10	Page 8 of 28 /Clause No 9(9.1) : A	Part II-Project Specific Experience	<p>Financial Requirement</p>	<p>Financial Requirement such as Annual Turnover, Net worth not</p>	<p>At the prequalification stage, it is expected that the company</p>

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				<i>been mentioned in qualification, kindly incorporate the same</i>	<i>shouldn't be insolvent. The details will be provided in RFP</i>
11	<i>Page No 11 of 28/ Clause No-B 2.1&Page No 12 of 28/ Clause No-B 2.2</i>	<i>Maximum relevant projects</i>	<i>Page No-11: 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. Page No-12: 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.</i>	<i>Both Clauses are contradictory to each other. Kindly confirm the maximum number of relevant projects</i>	<i>3 Projects shall be considered</i>
12	<i>Page No 12, 16, 19 of 28/ Clause No-B 2.2, 3.6 , 3.8</i>	<i>Consultancy</i>	<i>Page No-12: Address: Approx. value of the services provide by your consultancy under the contract : (In INR): Size of the project in MLD : Name of senior professional staff of your consultancy involved and functions performed Page No-16 Name of Firm / entity:(Insert name of</i>	<i>Since it is not a consultancy service, we request you to modify the same accordingly</i>	<i>Request considered</i>

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			<p><i>consultancy proposing the staff)</i></p> <p><i>Page No-19</i> <i>Form Tech-8: Are there any activities carried out by your consultancy which are of conflicting nature as mentioned..</i></p>		
13	<i>Page No 20 of 28/ Clause No-B 2.2</i>	<i>Power of Attorney</i>	<i>Providing services pertaining to “Agricultural Market Intelligence and Intervention Strategies”, including but</i>	<i>The Name of the work mentioned in Form Tech 9 - Power of Attorney, may please be corrected</i>	<i>Request Considered</i>
14	<i>Page No 20 of 28/ Clause No-B 2.2</i>	<i>Power of Attorney</i>	<p><i>Having known all terms and conditions of this tender..</i></p> <p><i>submission of our tender for providing services...</i></p>	<i>In POA, it is mentioned as Tender, the same may please be changed to RFQ</i>	<i>Request Considered</i>
15	<i>Page No 6 of 28/ Clause No-g</i>	<i>BID Submission Date</i>	<i>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</i>	<i>In view of the Corona pandemic situation, we request you to extend the date of submission of RFQ up to 30 days from the date of issue of prebid replies.</i>	<i>Will be extended to 30th May 2021</i>
2	<i>General</i>		<i>Scope of Land</i>	<i>Kindly confirm whether land will be provided on Rs. 1/- sq.m per annum on the basis of lease during entire concession period</i>	<i>Will be detailed in RFP</i>
3	<i>Page no. 20, Form Tech-9</i>		<i>Power of Attorney for Signing of Proposal</i>	<i>Current pandemic situation and lockdown enforced in Maharashtra by Govt, all institutions/ offices, are closed and working from home</i>	<i>Accepted and can be submitted</i>

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				and there is no movement on road. In this situation, it is very difficult to get it signed power of attorney on stamp paper by concern authority . In view of this, kindly allow to not submit the power of attorney and same can be submitted at RFP stage. or Bidder can submit authority letter digitally signed. Pl confirms.	
5	Page no. 12		2.2 Specific experience in developing projects in DBFOT mode (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.)	We understand that bidder having single reference project in DBFOT will meet the condition as mentioned clause no. 9.1 A. pl confirm	PPP Projects shall also be considered apart from DBFOT
6	Page no. 9.1 A		Specific experience of projects developed in PPP mode for a minimum of 50 % capacity of the proposed project 5 MLD total capacity	Since there are very few DBFOT / PPP projects in India in CETP , we foresee that very less bidder will able to meet this condition . Hence to enable more competition we request you to allow DBFOT / PPP project from water project and capacity of the CETP / ETP can be met by EPC contract.	Project handled in PPP & EPC mode shall be considered

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			<i>The applicant must have executed a project of a minimum of 2.5 MLD capacity in any type of PPP mode</i>	<i>Pl confirm</i>	<i>Minimum of 1.75 MLD capacity shall be considered</i>
			<i>Specific experience of projects in DBFOT -10 points</i>		<i>ETP experience for Pharma/ Chemical industries with similar Technology and capacities shall be considered.</i>
8	Page no. 9.1 A		<i>Specific experience of projects developed in PPP mode for a minimum of 50 % capacity of the proposed project 5 MLD total capacity</i>	<i>We understand that experience from Private company will be allowed for this project. pl confirm</i>	<i>Request is considered</i>
			<i>The applicant must have executed a project of a minimum of 2.5 MLD capacity in any type of PPP mode</i>		
9	General		<i>Right of Way, permits and approval</i>	<i>All the Right of Way, permits and approval shall be the scope of the Client. Please confirm</i>	<i>RoW will be under AETL. Other clearances to be under the scope of Bidder</i>
10	General		<i>Payments</i>	<i>Please confirm the methodology of payment to selected concessionaire.</i>	<i>Will be detailed in RFP</i>
11	General		<i>Payments</i>	<i>Please confirm that the Project payments will be through an Escrow account with a revolving reserve of at least 6 months payment be made by the Client.</i>	<i>Will be detailed in RFP</i>
13			<i>The Govt. of Andhra Pradesh has issued Go.Ms.No.135, Dt.18.10.2016</i>	<i>Pl confirm whether Atchutapuram Effluent Treatment Plant Ltd.(SPV</i>	<i>Will be detailed in RFP</i>

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	5.1 , introduction , 24		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.	company) will pay the operation charges to the concession directly and concessionaire will not be responsible to collect the payment from individual industry	
			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.		Payment mechanism, billing cycle, payment disbursement etc. will be detailed in RFP. The payment will be made through RTGS to Bidders account.
14	Page no. 18, FORM TECH-7		Form Tech-7 – Work Schedule	Since, required project and project execution details are not provided in specifically in RFQ. In view of this , its very difficult to provide Work schedule at this stage. However same can be provided during RFP stage .pl confirm	Working /Time Schedule to be provided in the RFQ submission
15	General		Project details	Please confirm APIIC is willing to confirm minimum treated water charges in the event of project run on lower capacity or non availability of effluent	Will be detailed in RFP
16	General		Effluent network	Kindly confirm effluent network and pumping station status . Hope its not in bidder scope	Collection of effluent is under Bidder scope. Transportation of effluent will be through tankers only. The details of the same shall be provided in the RFP.

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17	General		Treated water network	Please confirm under whose scope would the O&M of the treated water transmission pipeline shall fall.	Bidders scope and the treated water shall be marine disposed
18	General		Treated water	Please clarify the qty of water treated will be sold to APIIC	The Treated water shall be Marine disposed as per the standards prescribed by APPCB.
19	General		Bid submission	Due to pandemic situation, request you to kindly allow to submit the RFQ online. pl confirm	Bid documents can also be submitted through post and should reach before stipulated date and time.
21	General		DPR/ Feasibility report	We request you to kindly provide us DPR (Detailed project Report)/ feasibility report for better understanding of this project.	Bidder has to evaluate the design for both CETP.
22	Page no. 14		Description Of Business Plan	Kindly advise what are the points need to cover in business plan while submitting the same	Approach to complete the work, financial management for the project, manpower management for the project, clearances, execution plan, (effluent collection, treatment & disposal plan) for the project, etc.
23	Page		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	We understand that in the event lead bidder meets 100 % technical and financial pre-qualification and having 26% stake in JV the other bidder qualification will not be considered/ required	Yes

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			<i>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</i>		
24	General		Funding pattern	<i>Request you to kindly advise funding pattern for this project . Kindly advise % VGF for this project will be provided by the APIIC.pl confirm</i>	<i>APIIC/AETL shall not provide any VGF. Bidder shall self-finance it.</i>
3	RFQ, Page No. 8	<i>Evaluation Criteria</i>	<i>Specific experience of projects in DBFOT mode</i>	<i>We request you to consider EPC mode projects also for evaluation for WTP/STP/ETP also</i>	<i>Project under WTP/STP shall not be considered</i>
4		<i>Estimated Cost</i>		<i>Please provide the estimated cost of the project.</i>	<i>Bidder has to evaluate the cost</i>
		<i>Details of existing 1.5 MLD CETP plant</i>		<i>Provide details of existing 1.5 MLD CETP including plant layout, treatment scheme diagram</i>	<i>Will be provided in RFP</i>
		<i>Project Funding</i>		<i>Please provide the Funding pattern/ratios from Public and Private entity/Developer</i>	<i>Will be provided in RFP</i>
		<i>Revenue Model</i>		<i>Please provide the revenue model for recovery of the Capex funding by Private entity/Developer</i>	<i>Will be provided in RFP</i>

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		<i>Land requirement and approval of New 3 MLD CETP</i>		<i>Please confirm that land required for the new 3 MLD CETP is already approved with NOC from competent Authority</i>	<i>Environmental Clearance has obtained for capacity upto 31 MLD. Land details will be provided in RFP</i>
<i>1</i>	<i>Page No. 7</i>			<i>Page No 07- You have not mentioned no of JV partners/Consortium partners. Only condition was 26% is must for Lead bidder who can meet eligibility. Can we consider 4 no's of JV partners</i>	<i>4 nos of JV partner cannot be considered but they may form a SPV for the bidding purpose, and execute if awarded, subject to all eligibility condition qualified by lead partner</i>
<i>3</i>	<i>Page No. 25</i>			<i>Page No 25- LTDS volume you have considered including HTDS Condensate or directly from Industries only</i>	<i>LTDS volume has to be considered excluding HTDS condensate. The total capacity of the both CETP shall be the sum of LTDS & HTDS quantity.</i>
<i>4</i>	<i>Page No. 26</i>			<i>Page No 26- Kindly provide existing CETP designs & drawings</i>	<i>Bidder has to evaluate the existing capacities</i>
<i>5</i>	<i>Page No. 26</i>			<i>Page no -26-As per the given water balance existing CETP 1500KLD working only 450 KLD HTDS & 375KLD LTDS stream</i>	<i>Bidder has to evaluate the existing infrastructure available for 1.5 MLD CETP and proposed to design the system required to meet the CETP capacity upto 2 MLD (1125 KLD HTDS + 875 KLD LTDS). Please note that 1.5 MLD CETP units are not completely established at present.</i>

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7				Detailed Scope and predictions not mentioned for 5 MLD CETP	Bidder has to assess for effluent generation
8				Guard ponds and treated water line to see is existing and no need to consider	Guard ponds need to constructed for as per the PCB norms by considering the existing ponds capacity
10				No of years concession period 20 or 25 years or it is open to consider to be confirmed	Will be detailed in RFP
11				Assurance and availability of 5 MLD waste water	Bidder has to assess for effluent generation
12				Can we consider 5 MLD as minimum input waste water all LTDS & HTDS together (as specified quantities in the RFQ) for revenue generation	Bidder has to evaluate the effluent quantity generation
13				Revenue generation through AETL or from Industries directly or is there any triparty agreement	It will be through industries only
14				What is the power tariff to be considered, is there any special incentive for power to reduce the CETP operational	No. As per APEPDCL
15				EC validity & Process approved in the EC or any methodology prescribed in EC	EC obtained for APSEZ- Achutapuram.

