

Tindivanam Pharma Park Association (TPPA)

Block D1, Baid Metha Complex, No.16, Anna Salai, Little Mount, Saidapet, Chennai - 600 015

TENDER REFERENCE NO. TPPA/CF Development/CETP/2023-24/01

DESIGN, ENGINEERING, FABRICATION, SUPPLY, CONSTRUCTION, ERECTION & COMMISSIONING, AND TESTING OF 500 KLD ZERO LIQUID DISCHARGE (ZLD) BASED COMMON EFFLUENT TREATMENT PLANT (CETP) ON TURN-KEY BASIS ALONG WITH COMPREHENSIVE OPERATION AND MAINTENANCE OF CETP FOR FIVE YEARS AT TANSIDCO PHARMA INDUSTRIAL PARK, PELLAKUPPAM, KOLLAR & VENMANIYATHUR VILLAGES, TINDIVANAM TALUK, VILLUPURAM DISTRICT, TAMIL NADU

Response to Pre-bid Queries

No	Clause	Description as in Tender Document	Query / Clarification raised	Remarks
1	Annexure – I Technical Specifications	Section – 1, Basis of Design	<ol style="list-style-type: none">1. Kindly provide if there is any solvent present in the raw effluent/ppm.2. Kindly prove inorganic present in the effluent for RO design.3. If there is Gelatine available in the effluent stream	There are no direct solvents used in the process; however some coating processes employ solvents which may be present in the effluent coming from washing cycles. For design purposes, a solvent quantum of 100 ppm may be considered; The TDS of 5000 is essentially inorganic salts which needs to be removed by the RO; Gelatin will not be present in the effluent stream.
2	Annexure – I, Section – 7	Comprehensive Operation & Maintenance Requirement (Pg no 67 of 85)	<ol style="list-style-type: none">1. Kindly provide the distance of sludge and salt disposal area (solid management system)2. Compound wall necessary CETP area scope?	The location of the solid management facility is at Gummidipoondi SIPCOT complex near Chennai; Compound wall for the entire area of

				5.91 acres is in the scope of TPPA. However, a barbed wired fencing shall be made by the CETP vendor segregating the CETP area from the rest of the land in the plot.
3	Annexure – I, Section – 2	Technical Specifications and Proposed Scheme	<ol style="list-style-type: none"> 1. Kindly provide the scope of water and electricity for the construction work and confirm. 2. Kindly confirm all consumable during O&M period 3. Please confirm the boiler fuel availability option within the area 	In the meeting it was explained that the water and electricity for construction will be arranged by the SPV but the payment for the same will be made by the Bidder on unit rate basis. All consumables during O&M period shall be in the scope of the bidder. Briquettes, Fire wood and Furnace oil are available.
4	3. Qualification Criteria	3 (c). The bidder should have an average annual turnover of at least Rs.50.00 Crores (excluding GST)in the last five financial years i.e. FY2018-19, FY2019-20, FY2020-21, FY2021-22 and FY2022-23	<ol style="list-style-type: none"> 1. We request you kindly consider the Average Annual 2. Turnover of Rs. 30 Crore in Last Five Years and confirm. 	Refer Corrigendum Average Annual Turnover – Rs 30.00 Crores
5	12. Submission of Tender under Two Cover system	Sealed Tenders should be addressed to The Managing Director, Tindivanam Pharma Park Association Block-D1, Baid Metha Complex, no 16, Anna Slai, Little Mount, Saidapet, Chennai and superscripting the Name of the Tender on the top left-hand corner of the cover and the name of the bidder on the bottom left-hand corner of the cover and should be submitted in physical form till 04.01.2024, 3:00 PM.	Request for bid due date extension for at least 2 weeks from date of availability of Pre-bid replies.	Refer Corrigendum Last date of submission of Tender – 19.01.2024, 3.00 PM.

6	11. Earnest Money Deposit	The Tender should be accompany by an Earnest Money Deposit (EMD) to the value of Rs. 22,50,000/- (Rupees Twenty-Two Lakh and Fifty Thousand only), including GST, in the form of Demand Draft (DD) in favour of TPPA payable at Chennai	We request you, kindly consider EMD in the form of Bank Guarantee Rs.22,50,000/- .kindly confirm.	No Change. Conditions as specified in the Tender Document will remain.
7	3. Qualification Criteria	3 (b) 'Similar Works' means completion of the project of Design and Construction of Common Effluent Treatment Plant / Effluent Treatment Plant along with Operation and Maintenance for at least one year during the last five years as on last date of tender submission	We request since this is a ZLD project so kindly include following: Similar Works' means completion of the project of Design and Construction of Common Effluent Treatment Plant / Effluent Treatment Plant/UF/RO/MEE/MVR along with Operation and Maintenance for at least one year during the last seven years as on	No Change. Conditions as specified in the Tender Document will remain.
8	30. Payment Terms	ii. Payment for Five years of Comprehensive Operation and maintenance	We request the Payment for monthly O&M should be payable in first week of next month without any retention instead of Quarterly Payment.	No Change. Conditions as specified in the Tender Document will remain.
9	Annexure - I, Tender Specification Section - 1	4 (iii) MEE - 150 - 200 KLD	We request to kindly consider Mechanical Vapour Recompression (MVR) along with Multi Effect Evaporator (MEE). As MVR will have 60-65% less operating cost and within 2 years you can get payback period.	The selection of MVR or TVR shall be justified by the bidder with operating cost data; Both technologies are acceptable; kindly provide pros and cons of your system with any specific limitations (Like non-continuous duty).
			Kindly confirm Electricity for the O&M will be provided by you at free of cost or suggest the rates at which we have to consider electrical Power.	The HT billing charges as per consumption shall be paid by the CETP O&M company on commercial rates. Currently it is around INR 8 to 9 per KWH. Bidders to verify the rates

				for confirmation.
10	Annexure - I, Tender Specification Section - 1	5 (g) Secondary aeration - Reduction in COD and BOD	In Inlet parameters, TDS = NMT 5000 & TSS = NMT 1000 is mentioned. For smooth running of the plant, UF is suggested before RO Unit in order to achieve treated water parameters.	Ok. Please consider as per your technical specification requirements for RO.
		5 (h) Secondary aeration - Reduction in COD and BOD	Kindly clarify that permeate RO unit is needed for further usage (or) only storage tank for all RO permeate and MEE condensate collecting system.	The RO permeate and other recovered water storage (~ 300 KL) is in Bidder scope; Distribution to member companies will be in SPV scope after any water is utilised by the CETP.
11	Annexure - I, Tender Specification Section - 1	3 (6) Oil & Grease - Traces	In tender, it was mentioned as traces only. We need exact PPM of O&G presence at inlet in order to design.	Formulation companies use less quantity of Oil and grease in their machinery maintenance and even during washing cycles, these are not eluted as an effluent. Hence the oil and grease will be in "Traces only"
12	Annexure - I, Tender Specification Section - 1	3 (3) COD - NMT 5000	Inlet parameters : COD is around 5000 PPM Due to presence of high COD content in the inlet parameters, Anaerobic technology is an appropriate treatment for reducing COD. So, Retention time of aeration can be reduced from 4 days to 14-15 hours. Hence, Extended aeration is not necessary (As per proposed scheme attached in tender).	You may include anaerobic treatment as appropriate; however please note that the larger tanks also provide buffer storage in case of any upset conditions besides the aeration application.

13	Annexure – I, Tender Specification Section – 1	3 (4) BOD	As per Tender, Inlet BOD is around 100 PPM. But in the proposed scheme, Aeration tanks given after Primary and Secondary settling tanks. Since, Anaerobic and aeration will reduce COD and BOD. There is no need of additional aeration after secondary settling tank. Kindly clarify the same.	You may include anaerobic treatment as appropriate; however please note that the larger tanks also provide buffer storage in case of any upset conditions besides the aeration application
14	31. Price Escalation		We request you to consider the escalation of the rates. Since it is involving O&M on long term basis and manpower & material rates are not predicted.	No Change. Conditions as specified in the Tender Document will remain.
15	27. Timeline	The Design, Engineering, Fabrication, Supply, Construction, Erection & Commissioning, and Testing of 500 KLD Zero Liquid Discharge (ZLD) based Common Effluent Treatment Plant (CETP) should be completed and handed over to TPPA in 12 months	We request you to give the 18 months for completion of project. Since, it is involving lot of work design, engineering, approvals, supply, and erection & commissioning.	No Change. Conditions as specified in the Tender Document will remain.
16	Annexure – I, Tender Specification Section – 1	5 (J) Permeate carbon and PSA treatment for the Permeate water	Kindly clarify that, what is the PSA treatment	Kindly ignore the PSA treatment. Carbon treatment of the permeate can be considered.
17	Annexure – I, Tender Specification Section – 1	5 (J) High TDS treatment c. Salt disposal from ATFD	Kindly provide us the location of salt disposal and distance from the plant	It will be at Gummidipoondi SIPCOT at the solid waste management facility
		Screw press / filter press: Sludge disposal	Kindly provide us the location of sludge disposal and distance from the plant.	
18	Annexure – I,	Comprehensive Operation and	In tender, manpower is considered without	Tender is providing a suggested

	Tender Specification Section – 7	Maintenance requirements - Manpower	reliever. Can we consider the manpower including reliever?	manpower list; you may please consider as per your O&M requirements
19	Annexure – I, Tender Specification Section – 4	Suggested makes of bought-out components	In tender, only limited approved makes are given. Can we consider equivalent makes/brand for each item?	You may consider equivalent makes/brands. The same is mentioned in the Tender Document.
			Can we consider equivalent makes/brand for each item for electrical and civil.	You may consider equivalent makes/brands. The same is mentioned in the Tender Document.
20	Annexure – I, Tender Specification Section – 2	Technical specifications and proposed scheme Plant sizing (Boiler)	Furnace Oil (FO) will produce more pollution, in order to control pollution, it is recommended to use gas based boiler type instead of FO.	You can consider the most economical option;
21	Annexure – I, Tender Specification Section – 2	Technical specifications and proposed scheme Plant sizing (Civil collection tanks and Accessories)	Kindly give the reason for going 4 streams. Shall we go for single stream with operation hours of 10-12? Will reduce the numerous rotary equipments and energy & power saver.	During the meeting, it was discussed that multiple tanks are provided to plan for modular design and to have ease of maintenance; you may keep these points in mind and design appropriately.
22	Annexure – I, Tender Specification Section – 5	Painting specification	Ozone generation system is not included in the proposed scheme.	Not applicable.
			Shall we consider ozonator for post treatment system	Not required
23	Annexure – I, Tender Specification	Basic design 4 (iii) MEE- 150 to 200 KLD	We will design RO with more efficiency which will reduce the load to MEE. So, the requirement of MEE will be less than	Yes it is acceptable. Bidders may provide their best design for said output parameters

	Section – 1		150KLD only. Please confirm that designing with lesser capacity of MEE is acceptable. Kindly confirm the reason for taking 150-200 KLD (as per given in the tender).	
24	Annexure – I, Tender Specification Section – 1	Basic design In the Limit of inlet effluent parameters given , COD is not more than 5000 ppm and BOD not more than 100 PPM.	Ratio of BOD to COD seems to be very less (1: 50).This means that biological treatment is not effective for this effluent treatment . But in the proposed scheme you have mentioned biological(Two stage aeration) treatment for COD and BOD reduction. Requesting you to confirm the same	No Change. Conditions as specified in the Tender Document will remain.
25	Annexure – I, Tender Specification Section – 2	Technical Specifications and Propose Scheme Bidders are encouraged to provide their scheme which would be an optimum design to treat the above influent.	We understand that Bidder can propose their own scheme. Kindly confirm	Yes
26	27. Timeline	The Design, Engineering, Fabrication, Supply, Construction, Erection & Commissioning, and Testing of 500 KLD Zero Liquid Discharge (ZLD) based Common Effluent Treatment Plant (CETP) should be completed and handed over to TPPA in 12 months	Confirm whether the trial run, commissioning and PG test include in the mentioned period. If not requesting client to provide additional 3 months for the same.	No Change. Conditions as specified in the Tender Document will remain.
27	Annexure – I, Tender Specification Section – 2	Technical Specifications and Propose Scheme Any statutory requirement/clearance required for the packages from the	We request and insist to consider that the all-statutory approvals shall be in Client scope. However, the contractor will assist to get the approvals from concerned authority.	Obtaining CTE from TNPCB will the scope of the SPV. Obtaining CTO will be the scope of the Vendor

		Government / local body shall be in the Bidder's scope.		
28	24. Retention Money	Retention money will be released upon completion & handing over of all Part A works certified by TPPA...	Request TPPA to release retention money within 15 days of handover of Part A works	No Change. Conditions as specified in the Tender Document will remain.
29	30. Payment Terms	The contractor shall raise quarterly bills for O&M and TPPA shall pay 95% of each bill raised.	Request TPPA change from quarterly to monthly and payments to be released with 15 days of submission of bills. Pls confirm	No Change. Conditions as specified in the Tender Document will remain.
30	33. Termination of Contract	TPPA reserves the right to terminate the contract at any time during the validity period on account of non-fulfillment of the contract or any of the reasons	Request TPPA to define clause for TPPA event of defaults and Contractor Event of default. TPPA should only terminate the contract due to Contractor event of default.	No Change. Conditions as specified in the Tender Document will remain.
		In case of O&M, TPPA reserves the right to terminate the contract at any time during the O&M period upon the non-fulfillment of the O&M contract or any of the reasons	Request TPPA to define clause for TPPA event of defaults and Contractor Event of default. TPPA should only terminate the contract due to Contractor event of default	No Change. Conditions as specified in the Tender Document will remain.
31	34. General Conditions	The Site will be handed over to the contractor after signing the Contract.	Request TPPA to handover encumbrance free land within 15 days of signing of Contract	No Change. Conditions as specified in the Tender Document will remain.
32	Annexure – I, Tender Specification Section – 2	Other Civil works 1.Boiler House, Boiler foundation, Boiler fuel oil storage tank foundation, Chimney foundation 2.Cooling tower basin, foundation for cooling tower pumps and pipe supports 3.Foundation and covered structure for air compressor, air dryer, etc 4.Foundation for air receiver tank 5.Piping structure foundations 6.HT and Transformer yard	Not Considering & require more data to arrive the cost 6.HT and Transformer yard 7.Transformer foundation and plinth 8.MV Panel room (with cable cellar room as per CEIG norms) 9.DG set plinth 10.Cable tray support structures and foundations	Bidders to come with own design and specification to meet the desired output parameters

		<p>7. Transformer foundation and plinth</p> <p>8. MV Panel room (with cable cellar room as per CEIG norms)</p> <p>9. DG set plinth</p> <p>10. Cable tray support structures and foundations</p> <p>11. Development of roads and pathways within the CETP plant, Utility area and Electrical yard</p> <p>12. Toilet building</p>	<p>11. Development of roads and pathways within the CETP plant, Utility area and Electrical yard</p> <p>12. Toilet building</p>	
33	30. Payment Terms		<p>*2% Security Deposit Submitted by Chemin</p> <p>*10% Payment against Order</p> <p>*10% Payment against drawing submission & mobilization of the manpower</p> <p>*70% against material supply</p> <p>*5% against Erection</p> <p>*5% against Commissioning (PBG for one year)</p> <p>Note: Above payment terms considering the project completion period around 8 to 10 months.</p>	No Change. Conditions as specified in the Tender Document will remain.
34	Annexure – I, Tender Specification Section – 1	7. Proposed stage wise storage tanks & PFD	Proposed stage wise storage tanks Vs proposed treatment scheme drawing, both schemes are have some differences	Bidder can propose his option; the schemes given are suggestive and for reference only
35	Annexure – I, Tender Specification Section – 1	8. Each unit shall be equipped with online sensors with digital display for pH, TDS, and COD and the same can be connected with CETP system for unit wise monitoring and traceability.	Clarify the scope of connectivity of unit instruments with CETP	It will be in the scope of the effluent collection tender which is not in the current scope

36	Annexure – I, Tender Specification Section – 2	Boiler	Two equal size boiler, it shall be required furnace oil or Gas based?	Bidder can propose either one
37	Annexure – I, Tender Specification Section – 2	Piping	Confirm MOC of plant inter connecting pipes and fittings	Bidder to chose based on process
38	Annexure – I, Tender Specification Section – 2	Electrical & instrumentation Works	The broad scope of supply (electrical) for this package is detailed below. Please clarify	The broad scope of electrical works is already provided in Page 38 of the tender document. Detailed scope of the work shall be developed by the bidder based on their requirements of power and internal designs.
39	Annexure – I, Tender Specification Section – 4	Suggested make of Bought-out Components	Confirm the approval makes like Air blower, Dosing pump, Filter press, Progressive cavity pump, RO membrane, Membrane vessels, Boiler Evaporator, Cables, Transformer, DC etc.	Any standard make shall be acceptable; The bidder shall select the appropriate equipment keeping in mind the requirement of the further O&M which is also part of the scope
40	Annexure – I, Tender Specification Section – 1 &2		Please provide details 1) depth of inlet pipe line from NGL 2) clarify scope of inlet effluent collection from units upto ETP collection sump	Level shall be given post order; Inlet effluent collection from units upto will be in SPV scope
41	Proposed Treatment Scheme (Reference Drawing)		1. Quantity clarification of process tanks	Bidder to design and propose
			2. Quantity clarification of process pumps	Bidder to design and propose
			3. Acid from bulk storage - please clarify scope of pump, pump line from bulk storage tank upto the CETP dosing tanks	Bidder scope
42	30. Payment Terms		We hope TPPA will allow extension of project completion, if required	No Change. Conditions as specified in the Tender Document will remain.
43	30. Payment Terms		All civil related works would not be start and complete at same time, your payment	No Change. Conditions as specified in the Tender Document will remain.

			terms said that based upon completion of all civil works, Please clarify and consider to release the payment stage wise completion.	
44	Annexure - I, Tender Specification Section - 1	Basis of Design	The characters of inlet effluent given as COD as NMT 5000 ppm & BOD as NMT 100 ppm. Kindly clarify the BOD in the inlet is 100 ppm is possible in the pharma units and the biological treatment unit retention time was given as 4 days since exact BOD level in the effluent is required	A typical ETP raw effluent analysis will be shared. However design basis as per original tender to be maintained.
45	Annexure - I, Tender Specification Section - 1		The Filtration units & UF units is not shown in the scheme prior to RO. The same has to be included. Shall we include? Clarification is required	Kindly Include
46	Annexure - I, Tender Specification Section - 1		The RO plant material like evaporator and Boiler given as 2 equal size modules. Clarification is required whether it should be spitted as 250 KLD-2 sets or 500KLD-1 set (working) and 500 KLD -1 set (standby).Clarification is required.(Note: 2 Equal size means additional standby is required?)	it is only 1 x 500 KLD; design can be modular as 2 x 250 KLD
47	Annexure - I, Tender Specification Section - 1	8. Each member unit in the proposed layout shall adhere to the following inputs	Each unit shall be equipped with Online sensors with digital display for pH, TDS, and COD and the same can be connected with CETP system for unit wise monitoring and traceability). Kindly confirm how many individual units and who is responsible to adhere the same	Total 48 plots. Not in bidder scope
<u>GENERAL QUERIES RAISED</u>				
1	Utilities		Please clarify us the below mentioned scope of utilities.(Whether comes under TPPA or Agency)	All are in Bidder scope

			<p>1.Chemical storage (Solids, Liquid, Tankers),</p> <p>2.Hazardous waste disposal</p> <p>3.Water for operation and drinking water</p>	
2	Power & Water		During project, power and water will comes under whose scope?	Bidder scope; SPV will arrange the source of power and water
3	Water Analysis report		<p>Kindly provide us the full water analysis report.</p> <p>In tender document, inlet parameters are given (pH, TDS, COD, BOD, TSS, Oil and Grease and Ammonia). Since the proposed project is ZLD plant, Please mention other parameters for efficient design and treatment.</p> <p>Expected parameters:- Ion,CaCO3,Ca,Na,K,NH4,Ba,Sr,H,CO3,HCO3, SO4,Cl,F,NO3,PO4,OH,SiO2,B,CO2.</p>	No Change. Conditions as specified in the Tender Document will remain.
4	Proposed Treatment Scheme	Sludge drying bed followed by screw press.(As per proposed scheme attached in tender).	As per engineering practice, Screw press/Filter press/sludge drying bed is for same purpose only. Please confirm which one has to consider.	Consider any one as appropriate and with optimum design; sludge drying bed is not a preferred option.
5	Source of Water		Kindly provide the multiple sources of effluent timings and flow and their respective locations.	The overall estate layout was provided along with the tender which can be used identify the location points; there are no specific timings and flow conditions specified.
6	Layout Drawing		UF is mentioned in the layout drawing. But in process scheme, UF is not mentioned before RO.	Please consider as per your technical specification requirements for RO.

			Kindly confirm the same.	
7	Filters (PSF)		Since, inlet TSS is around 1000 PPM. As engineering practice, PSF should include before UF and RO system in order to reduce TSS above 50 micron size.	Please Include
8	Layout		In layout given in the tender, it was mentioned as ETP & STP area. (5.91 Acre) Is any existing STP plant there in proposed area? Or Any new plant will be installing in future? Please clarify which area is allocated for STP?	Combined area earmarked for CETP and CSTP is 5.91 acres. Optimal area for CETP shall be provided by the bidder based on their design
9	Fuel for Boiler		Fuel used for boiler comes under whose scope?	Bidder Scope
10	Funding Details		Kindly confirm the funding availability status of the project.	Not Applicable
11	Boiler		In tender, we understood That Steam Based boiler is suggested. Shall we go for thermal fluid type boiler instead of steam based one.	For Multiple effect evaporator steam is required
12	Dewatering Technique		For long time operation, as per good engineering practice, we suggesting 2 systems(1W+1S) - either Screw press/ Centrifuge	You may consider 1W + 1S
13	Lab set up		Kindly clarify us the scope of lab setup. Whether it falls under TPPA or Agency?	The lab will be part of SPV scope
14	Approvals		Kindly provide NOC wherever required like EB,PCB.	All official fees and deposits for statutory approvals shall be paid by the SPV. All application and related

				documentation and all liaison works for getting the various approvals shall be in the bidder scope (except CTE which is being done by SPV presently). SPV representative shall sign all the required forms and applications as may be necessary.
15	Soil Test Report		Kindly provide the soil test report for better analysis.	Will be provided
16	General Queries from bidder		<ol style="list-style-type: none"> 1. Battery limit. 2. Whether to provide collection tank for different effluent stream. Kindly confirm. 3. Kindly provide the scope of treated water distribution. 4. Please specify the treated water holding tank capacity 	Battery limit : Influent collection tank receiving nozzle to treated water tank outlet nozzle.; One common equalisation tank of adequate capacity is sufficient. Scope of distribution of treated water is in the SPC scope. A 300 KL tank in either RCC or any other MOC may be considered.
17	General Queries from bidder		Whether the quoted cost should include tax?	The format for price bid is provided in Annexure X of the Tender Document. Kindly refer.
18	General		Kindly provide the invert level of effluent will be received at the CETP, since accordingly the depth of receiving chamber and screen chambers will be designed.	This will be provided post order during engineering stage
19	General		Site plan and layout of CETP to be provided in CAD version	Not Applicable
20	General		Kindly confirm the distance to the CETP from where the 33KV/ 11 KV line will be supplied by Authority, Please provide tentative distance for estimating cost correctly. Also need confirmation whether Electricity Board is providing separate	Approximately 1200 meters crossing NH

			feeder / Line Tapping	
21	General		Confirm whether security deposit for HT connection is in the client scope	Yes
22	General		Is there any specific requirement from Electricity Board for Over head HT line	No specific requirement
23	General		Kindly provide us the Contour survey for the proposed CETP area if the same is available with department. Kindly provide us the proposed FGL for this plan	Will be provided.
24	General		Confirm the service water source for construction and O&M activities. Is the water available in site or to procure from outside agencies	Will be arranged by SPV however, the cost is to be paid by bidder
25	General		Please confirm the scope of construction power .Whether it is client scope or bidder scope	Bidder scope
26	General		Please confirm exact area of land allocated for construction of CETP	To be decided based on the final design
27	General		We understand that land provided will be free of cost and without any encumbrance. Please confirm	Yes
28	General		Interest @ SBI PLR + 2 % to be paid by TPPA for delay in any payment. Please accept the clause	No Change. Conditions as specified in the Tender Document will remain.
29	General		Request TPPA to provide land for labour accommodation.	Will be considered
30	General		Any changes in the taxes due to change in legislation or for any other reason shall be payable to the Contractor. Request TPPA to include this clause	No Change. Conditions as specified in the Tender Document will remain.
31	General		Request TPPA to add clause for Force	Refer Tender Document Page No, 22

			Majeure Event.	of 85 Clause no.28
32	General		Request TPPA to provide soil bearing capacity and other ground reports for our reference	Will be provided
33	General		Request TPPA to provide Draft Concession Agreement copy	Not Applicable
34	General		Is it possible for Valves and fittings instruments can be go with other brands? - Kindly confirm.	You may consider equivalent makes/brands. The same is mentioned in the Tender Document.
35	General		What would be the fuel for boiler and who will be get the fuel storage requirements? - Kindly confirm.	You can consider the most economical option. Fuel for boiler is under bidder scope
36	General		Online monitoring system to be provided by TNPCB? -Kindly confirm.	Kindly refer page no. 32 of 85 S.No.12
37	General		who will be levelling the floor before starts construction?-Kindly confirm.	Contour levels will be provided by the SPV with access road to the site. All other land developments to be done by the bidder
38	General		What would be the size for ETP Building, and other civil buildings?-Kindly confirm.	Bidders to come with own design and specification to meet the desired output parameters
39	General		Who will be bared the respective fee expenses? Please confirm	Fee will be paid by the SPV

40	General		Please clarify, approval of civil structural design & drawings	All statutory approval required for civil drawings (DTCP) shall be in the scope of the bidder; The SPV will also have a Project Manager who will do a design verification and provide approvals on all IFC drawings. (Issued for construction).
			Power and water during construction period, Please clarify	SPV will source the water and power for construction. Cost for the same shall be paid by SPV
			Request to extend the date of submission of bid	Kindly refer Corrigendum
			Please confirm the MOC of pumps	Bidder to select as per his process requirement
			Scope of Disposal of Sludge and Salt	Bidder scope
			We are requesting to allow for Joint Venture agreement	No Change. Conditions as specified in the Tender Document will remain.
41	General		Required electricity & power will be provided by the client or necessary arrangement to be provided by the vendor.	Arranged by SPV and paid by Bidder
			The Scope of effluent pumping system which includes pumps, control panel and piping from the member units to CETP. Clarification is required	Not in bidders scope
			Incoming electrical cable scope to the CETP area, transformer scope?	Main HT incoming is SPV scope. Rest all in Bidder Scope
42	General		Scope of treated water distribution to individual units	Not in bidders scope
43	General		Bulk chemical storage tank shall be	Bidders scope

			included in the offer	
44	General		Consortium based company is applicable in this project. Pls advice	No Change. Conditions as specified in the Tender Document will remain.

***** End of Queries *****