

CORRIGENDUM -1



E-Tender No – RFCL- 2025-195

REVISED TENDER SCHEDULE AND CLARIFICATIONS

“ENGAGING AGENCY FOR Implementation of Zero Liquid Discharge (ZLD) AT RFCL PLANT, RAMAGUNDAM (TELANGANA). [E-Tender No-RFCL- 2025-195]”

Tender Ref: PNMM/PC211/E/002/81 Dated: 15.10.2025]

<i>Sr. No.</i>	<i>Tender Stage</i>	<i>Date & Time</i>
1	Start Tender Document Download	15.10.2025 at 11:00 hrs.
2	End Tender Document Download	14.11.2025 at 16:00 hrs.
3	Due/ last date of submission Bids	14.11.2025 at 16:30 hrs.
4	Techno-commercial Bids Opening	14.11.2025 at 17:00 hrs.
5	Price Bid Opening	To be intimated

All other terms & conditions of tender document remain unaltered. For further details, visit website: <https://rfcl.co.in/opentender.php> and <https://www.tenderwizard.in/RFCL>. Any Corrigendum / Addendum (s) to this Notice shall be published on RFCL's website / e-tender portal only. The tenders will be submitted online on the web site <https://www.tenderwizard.in/RFCL> only.

For & behalf of RFCL

(Shashi Prakash)
Chief. Manager (Contracts & Procurement)

PRE-BID QUERIES RESOLUTION (SET-1)

Tender No.:	PNMM/PC211/E/002
Tender Title:	IMPLEMENTATION OF ZERO LIQUID DISCHARGE (ZLD) UNIT AT RFCL, RAMAGUNDAM PLANT
Client:	M/S RAMAGUNDAM FERTILIZERS AND CHEMICALS LIMITED (RFCL), TELANGANA
Consultant:	M/s PDIL
Bid Closing Date:	07.11.2025 at 15:00 (IST)

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
---------	--	----------	------------	---------	----------------	-------	-----------------

1.	Part - I Commercial	162 of 2315	36.12	Terms applicable to Consortium Contractors	Where the Contractor is a consortium, the lead member of the consortium shall represent the Contractor in all dealings with RFCL and shall do all acts, deeds, matters and things required to be done by the Contractor under the Contract, including (but not limited to) exchange of correspondence, raising invoices, drawings, documents and receiving payments. (a) All dealings had with and/or all acts, deeds, matters and things and things done by or payments made to and invoices/documents drawn and/or negotiated by the lead member shall be binding upon the Contractor and each member of the consortium, and in so far as RFCL shall require a discharge in respect of any dealing had or act, deed, matter or thing done or payment made as aforesaid, the same shall constitute a valid discharge to RFCL. (b) Each and every member of the consortium shall be jointly and	With reference to clause, pertaining to consortium participation, we request clarification regarding the minimum and maximum equity stake requirements for each consortium member. As the tender document does not specify these details, kindly confirm the applicable stake percentage criteria for individual bidders within the consortium.	Consortium bid Not allowed.
----	---------------------	-------------	-------	--	--	--	-----------------------------

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
---------	--	----------	------------	---------	----------------	-------	-----------------

					separately liable to RFCL for and in respect of all liabilities obligations of the Contractor under the Contract. The constitution of the Consortium or the relative distribution of the Work(s) and/or activities amongst the consortium members as approved by RFCL shall not be altered or assigned, as the case may be except with the prior written consent of RFCL and any contrary alteration or re-assignment shall be deemed to be an unauthorized assignment of the Contract with attendant liabilities including termination of the Contract.		
2.	Part - I Commercial	47 of 2315	1.0 (Sr. No. 1)	BIDDER QUALIFICATION CRITERIA (BQC)	Bidder should have experience of Design, Engineering, Procurement/Supply, Erection/ Installation and Commissioning in last 7 years and in addition successful operation of 1 year of the following: i. At least one, RO based RWTP / WWTP / Effluent Treatment Plant (ETP) Plant with minimum	With reference to the qualification requirement of having at least one RO-based RWTP/WWTP/ETP plant with a minimum capacity of 200 m³/hr, we understand that this refers to the total installed capacity of the plant. As RO systems are typically designed with multiple operational streams for flexibility	The combined working capacity of all the streams of RO based RWTP / WWTP / Effluent Treatment Plant (ETP) Plant with minimum capacity of 200 m³/hr is acceptable. However, standby capacity shall not be considered. All the working streams should be executed against in a single Work Order.

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
---------	--	----------	------------	---------	----------------	-------	-----------------

					capacity of 200 m3/hr.	and ease of maintenance, kindly confirm that a plant comprising three working streams of 120 m ³ /hr each—resulting in a combined capacity of 360 m ³ /hr—would be eligible for the minimum requirement of 200m3/hr	
3.	Part - I Commercial	48 of 2315	1.0 (Sr. No. 2)	BIDDER QUALIFICATION CRITERIA (BQC)	The Annual turnover of the bidder shall not be less than Rs. 96 Crore in at least one of the preceding three financial years from the date of issuance of enquiry. Note: In case financial year closing date is within 3 months of date of issue of enquiry and audited annual report of preceding financial year is not available, bidder has the option to submit the financial details of the three previous years immediately prior to the last financial year. Otherwise, it is compulsory to submit the financial details of the immediate three preceding financial years. (Example, in case, audited annual report of immediate preceding financial year (year ending 31st March) is not available and where	As per the tender clause stating that the annual turnover of the bidder shall not be less than ₹96 Crore in at least one of the preceding three financial years from the date of issuance of enquiry, we understand that this requirement shall be met through the combined turnover of all consortium members. Kindly confirm the same	Consortium bid not allowed.

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
---------	--	----------	------------	---------	----------------	-------	-----------------

					enquiry issue date is up to 31st December, the financial details of the three previous years immediately prior to the last financial year may be submitted. However, in case the enquiry issue date is after 31st December, it is compulsory to submit the financial details of the immediate three preceding financial years only. • In case bidder is having subsidiaries but only a single consolidated annual report is prepared as per prevailing law of land and audited which includes the financial details of their subsidiaries, consolidated audited annual report shall be considered for establishing the financial criteria subject to statutory auditor / chartered accountant of the bidder certifying that separate annual report of Bidder (without the financial data of subsidiaries) is not prepared and audited. • Further, in case a bidder is a subsidiary company and separate annual report of the Bidder is not published, but only a consolidated annual report of the parent		
--	--	--	--	--	--	--	--

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
---------	--	----------	------------	---------	----------------	-------	-----------------

					company is available, consolidated annual report shall be onsidered for establishing the financial criteria subject to statutory auditor of Parent Company / Chartered accountant of the Bidder certifying that separate annual report of the Bidder is not prepared and audited.		
4.	Part - I Commercial	49 of 2315	1.0 (Sr. No. 4)	BIDDER QUALIFICATION CRITERIA (BQC)	Bidder should have minimum working capital of Rs. 17 Cr as per Audited Financial result of FY 2023-24. “Working Capital should be current assets minus current liabilities.”	We understand that the minimum working capital requirement of ₹17 Crore, as per the audited financial results for FY 2023–24, shall be fulfilled through the combined working capital of all consortium members. Kindly confirm the same.	Consortium bid Not allowed.
5.	Part - I Commercial	09 of 2315	2.8	Last Date & Time for Submission of EMD; PQ, Technical and unpriced Commercial Bid (Cover 1) and Priced Bid (Cover 2): 07.11.2025, at	Last Date & Time for Submission of EMD; PQ, Technical and unpriced Commercial Bid (Cover 1) and Priced Bid (Cover 2): 07.11.2025, at 15:00 hrs. (IST)	We kindly request that the bid submission deadline be extended by a minimum of four weeks from the date of receipt of pre-bid responses.	In case, Bid Closing date is extended, same shall be uploaded in RFCL website. Please visit RFCL website.

<u>PRE-BID QUERIES RESOLUTION (SET-1)</u>							
Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
				15:00 hrs. (IST)			

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
---------	--	----------	------------	---------	----------------	-------	-----------------

6.	Page 197 of 2315 6.0 EXTENDED STAY COMPENSATION & PRICE BID FORMAT			6.1 In case the time of completion of work is delayed beyond the time schedule indicated in the Bidding document plus a grace period equivalent to 1/5th of the time schedule or 8 weeks whichever is more, due to reasons not attributable to contractor, the contractor shall be paid extended stay compensation in order to maintain necessary organizational set up and construction tools, tackles, equipments etc. at site of work. The bidder shall mention the rate for such extended stay compensation per month in the 'Priced Part' which will be considered for evaluation. The period for the purpose of evaluation shall be 1/5th of the	Kindly clarify whether the Prices for EXTENDED STAY COMPENSATION shall be considered for the purpose of Lowest Bidder during the Financial Bid Evaluation. Further, if the same need to be mentioned in the price bid because there is no provision for mentioning the same in the price bid format. Please clarify and in case EXTENDED STAY COMPENSATION shall be considered for Financial Bid Evaluation, please revise the price bid format accordingly.	Extended Stay Compensation is not applicable.
----	---	--	--	---	--	---

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
---------	--	----------	------------	---------	----------------	-------	-----------------

					time schedule or 1 (one) month whichever is less.		
7.	Page 201 of 2315 Basis of Financial Bid Evaluation & Declaration of ITC on GST				Page 201 of 2315 (ITC on GST): Note: Input credit of GST shall not be considered for evaluation purposes (i.e., for arriving at L1 Bidder). Page 35 of 2315: The subject work is indivisible and complete work shall be awarded to successful overall lowest (L1) bidder (post Reverse Auction) as per evaluation methodology described below: Total Lumpsum Price (EXCLUDING GST) for ZLD unit at RFCL, Ramagundam Plant.	With regards to the ITC on GST, we humbly request as follows: 1. Kindly clarify whether the "Total GST Amount" as mentioned on Page 35 of 2315 includes the GST for those items on which ITC is not available / applicable. 2. Kindly specify those items on which the ITC on GST is NOT APPLICABLE / NOT AVAILABLE, so that there is total clarity on this aspect. 3. Kindly appreciate that the current Price Bid Format has no provision	NIT prevails.

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
---------	--	----------	------------	---------	----------------	-------	-----------------

					Plus(+) Lumpsum Price (EXCLUDING GST) for one (1) year Operation & Maintenance services(includes comprehensive maintenance & all spares for ZLD Unit including ControlSystem for 01 year). Plus(+) Total GST amount Prices quoted for One (1) Year O&M spares in SP-4 shall not be considered for BidEvaluation purpose.	of mentioning the ITC on GST separately, hence please revise the format accordingly.	
8.	Page 195 of 2315				Missing Annexures of SCC	Please refer to the List of Annexures of SCC as on Page 195 of 2315.	It is confirmed that DMI&SP Policy enclosed as Annex 18 is to be considered as Annex XIII

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
---------	--	----------	------------	---------	----------------	-------	-----------------

	List of Annexures					We have found that the following Annexures are missing: Annex IB, V, VII, VIII, XII and XIII. Kindly share the same urgently for our review and further of our Pre Bid Queries on those documents. We humbly request you to kindly allow us to submit our further queries till 7 days from the date of receipt of the missing documents.	of SCC. Refer attached Amendment-1
9.	Page 195 of 2315 Page 202 of 2315 Price Variation Clause			Page 195: Price Variation Clause – Annexure XII Vs		Kindly appreciate that there is Reference of Price Variation Clause on Page 195 / List of Annexures, but the Annexure is missing, furthermore, on Page 202 it has been stated that the Prices shall be Firm and fixed till the completion of the project.	NIT prevails.

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
---------	--	----------	------------	---------	----------------	-------	-----------------

					11.0 FIRM PRICE 11.1 The contracted prices shall be firm and fixed except as per the provisions stated in the Bidding document till the completion of the works in all respects and no escalation in prices on any other account shall be admissible to the Contractor.	In view of the type, size & long delivery period of 21 months for this project, we humbly request you to kindly keep the provision of Price Variation in the tender document linked with the Index numbers of wholesale price in India (WPI) issued by The Office of the Economic Adviser, Department for Promotion of Industry and Internal Trade. Kindly confirm.	
10.	Page 499 to 538 of 2315 DMI&SP Policy				Annexure XIII POLICY FOR PROVIDING PREFERENCE TO DOMESTICALLY MANUFACTURED IRON & STEEL PRODUCTS IN GOVERNMENT	Please refer to the List of Annexures of SCC as on Page 195 of 2315 vide which Annex XIII is the DMI&SP Policy, 2025, but the same has been enclosed as Annex 18 vide Page 499 to 538 of 2315.	It is confirmed that DMI&SP Policy enclosed as Annex 18 is to be considered as Annex XIII of SCC.

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
---------	--	----------	------------	---------	----------------	-------	-----------------

					PROCUREMENT- REVISED, 2025	Kindly clarify if the same is to be considered as Annex XIII.	
11.	Page 9 of 2315 Time Schedule for Completion				Time Schedule for Completion of Works 21 Months from Effective Date	In view of the type & size of the project, we humbly request you to kindly keep the completion schedule as 30 months from the date of Approval of Drawings submitted by the contractor.	NIT prevails.
12.	Price Bid Format				Price Break-up with the Fixed Percentages for Design & Engineering, Pre-Commissioning, Commissioning And Trial Run & PGTR	We humbly request you to kindly allow the bidder to keep the price break up as per their actual cost estimation for this project. Kindly confirm.	NIT prevails.
13.	Page 204 of 2315 MOBILISATION ADVANCE				Contractor shall be paid recoverable interest bearing Mobilization Advance up to maximum of 10 % of the awarded value, which will attract an	We humbly request you to kindly issue Non – recoverable & Interest Free Advance for this project.	NIT prevails.

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
---------	--	----------	------------	---------	----------------	-------	-----------------

					interest rate at MCLR (tenure-one year) charged by SBI (applicable as on date of grant of advance) plus 7% p.a. on reducing balance basis.		
14.	Page 224 to 236 of 2315				Payment Terms	We request you to kindly consider the payment terms as follows: For the Supply of Material: - 20% advance alongwith the Letter of Award / Letter of Intent - 10% against submission of GA Layout & Load data - 10% against the submission of Proof of Placement of Purchase Orders for	NIT prevails.

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
---------	--	----------	------------	---------	----------------	-------	-----------------

						Major Equipment - 50% (including 100% GST of the basic value) against the submission of Proforma Invoice before the dispatch of equipment from their respective dispatch locations - 5% Against the Erection of the Plant - 5% Against the Commissioning of the Plant For the Erection & Commissions of the Plant : - 80% before the mobilization of site - 20% After the	
--	--	--	--	--	--	--	--

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
---------	--	----------	------------	---------	----------------	-------	-----------------

						Erection of the Plant Kindly confirm.	
15.	Page 9 of 2315 Beneficiary address for BG of EMD			Beneficiary address for BG of EMD: RFCL's Corporate Office, Noida, UP address OR Head Office, Lodhi Road, New Delhi Address		We understand that the following beneficiary address should be considered for the BG OF EMD: RAMAGUNDAM FERTILIZERS AND CHEMICALS LIMITED (RFCL) Corporate Office, 4th Floor, Wing-A, KRIBHCO Bhawan, Sector-1, Noida, Uttar Pradesh, Pin Code – 201301 Kindly confirm.	Bidder's understanding is correct.
16.	Page 114 of 2315 Price Reduction due to delay			Price Reduction due to delay in completion: 1% per week of delay or part thereof subject to a maximum deduction of 10% of the Contract Price.		We humbly request you to kindly keep the Price Reduction due to delay in completion @ 0.5% per week of Non-Supplied / Delayed portion of the supply part of the	NIT prevails.

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
---------	--	----------	------------	---------	----------------	-------	-----------------

						contract to a maximum amount of 5% of Non-Supplied / Delayed portion of the supply part of the contract. Further, any delay arising due to the delay in the approval of documents submitted by the supplier for the reasons not attributable to the supplier shall be added in the delivery period. Kindly confirm.	
17.	Page 35 of 2315				Work Cost MAD: Clause as per the Tender: In the event the works cost of ZLD Unit as demonstrated during	Kindly appreciate that the Work Cost MAD is on the higher side in view of the type of project, hence, we propose the clause as follows: In the event the works cost of ZLD Unit as demonstrated during the Guarantee Test Run	NIT prevails.

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
---------	--	----------	------------	---------	----------------	-------	-----------------

					the Guarantee Test Run is more than 100% but less than 102.5% of the Guaranteed Works Cost then, the CONTRACTOR will pay Owner Mutually Agreed Damages (Performance) as specified hereunder. For every 0.50% increase in Works Cost above the Guaranteed Work Cost or part thereof, CONTRACTOR will pay Mutually Agreed Damages (Performance) equal to 0.5% of the TOTAL CONTRACT PRICE. If the Works Cost as demonstrated during the Guarantee Test Run is more than 102.5% of the Guaranteed Works Cost then it shall be breach of Contract requiring corrective action by CONTRACTOR irrespective of the cost involved	is more than 100% but less than 105% of the Guaranteed Works Cost then, the CONTRACTOR will pay Owner Mutually Agreed Damages (Performance) as specified hereunder. For every 1% increase in Works Cost above the Guaranteed Work Cost or part thereof, CONTRACTOR will pay Mutually Agreed Damages (Performance) equal to 0.25% of the TOTAL CONTRACT PRICE. If the Works Cost as demonstrated during the Guarantee Test Run is more than 105% of the Guaranteed Works Cost then it shall be breach of Contract requiring corrective action by CONTRACTOR irrespective of the cost involved (Make Good).	
--	--	--	--	--	--	--	--

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
---------	--	----------	------------	---------	----------------	-------	-----------------

					(Make Good).		
18.	Page 36 of 2315 Mutually Agreed Damages (Performance)				Clause as per the Tender: In the event the Value of Guaranteed Parameter as specified in Part II (Technical) of NIT is less than 100% but more than 97.5% of the Guaranteed Value then, the CONTRACTOR will pay Owner Mutually Agreed Damages (Performance) as specified hereunder. For every 0.50% decrease in value below the Guaranteed Value or part thereof, CONTRACTOR will pay Mutually Agreed Damages (Performance)	Kindly appreciate that the Performance MAD is on the higher side in view of the type of project, hence, we propose the clause as follows: In the event the Value of Guaranteed Parameter as specified in Part II (Technical) of NIT is less than 100% but more than 95% of the Guaranteed Value then, the CONTRACTOR will pay Owner Mutually Agreed Damages (Performance) as specified hereunder. For every 1.0% decrease in value below the Guaranteed Value or part thereof, CONTRACTOR will pay Mutually Agreed Damages (Performance) equal to 0.25 %	NIT prevails.

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
---------	--	----------	------------	---------	----------------	-------	-----------------

					equal to 0.5 % of the TOTAL CONTRACT PRICE. If the value is less than 97.5% of the Guaranteed Value then it shall be breach of Contract requiring corrective action by CONTRACTOR irrespective of the cost involved. (Make Good).	of the TOTAL CONTRACT PRICE. If the value is less than 95% of the Guaranteed Value then it shall be breach of Contract requiring corrective action by CONTRACTOR irrespective of the cost involved. (Make Good).	
19.	Page 125 of 2315 DEFECT LIABILITY PERIOD				18.1. The Defect Liability Period shall be a period of 12 (twelve) months from the date of Completion mentioned in the Completion Certificate. 18.2. The Contractor warrants	We humbly request you to kindly consider the following Warrantee Clause for this project: The plant performance shall be warranted for o 12 months from the date of commissioning /	NIT prevails.

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
					that during the duration of the Defect Liability Period, the Works shall be free of all Defects.	deemed commissioned date, whichever is earlier. AND, equipment supplied shall be warranted for - o 18 months from the readiness to dispatch of respective equipment from the Bidder's or its sub-contractor factories - o OR, 12 months from the date of commissioning / deemed commissioned date, whichever is earlier.	
20.	Page 126 of 2315				18.7. If any part of the Works has been replaced, renewed or	Kindly appreciate that we do not get such a warranty / DLP from	NIT prevails.

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
---------	--	----------	------------	---------	----------------	-------	-----------------

	Extended Defect Liability Period				repaired during the Defect Liability Period, the Defect Liability Period in respect of such part shall start again for a period of 12 (twelve) months from the date on which such replacement, renewal or repair has been completed to the satisfaction of the Engineer-in-Charge ("Extended Defect Liability Period").	our suppliers, hence we humbly request you to kindly waive-off this condition. Kindly confirm.	
21.	Page 203 of 2315 SD / CPBG: 10% (Page 203)				10% of the contract value valid up to the Defect Liability period plus three months for claim period to be submitted within 15 days of award of contract. Alternatively, Contractor shall have the option of converting the EMD into initial Security deposit. After the issue of Completion Certificate by Owner, Contractor can convert the CPBG of 10% of the Contract value to Performance bank Guarantee of 5% of the contract value valid	We humbly request you to kindly keep the CPBG of 5% of the contract price exclusive of GST. Kindly confirm.	NIT prevails.

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
---------	--	----------	------------	---------	----------------	-------	-----------------

					upto defect liability period plus three months for claim period. The CPBG shall be returned to the Contractor after 3 months from the expiry of Extended Defect Liability Period.		
22.	Page 204 of 2315 STATUTORY APPROVALS				Obtaining statutory approvals, required as defined in Contractor's scope under Technical Scope of work, shall be the responsibility of the Contractor. Contractor shall arrange the inspection of the works by the authorities and necessary co-ordination and liaison work in this respect. The application on behalf of the Employer for submission to relevant authorities along with copies of required certificates complete in all respects shall be prepared and submitted by the Contractor well ahead of time so that the actual construction/commissioning of the work is not delayed for	We humbly request you to kindly keep the all the Statutory Clearances in Purchaser's scope only. The successful bidder shall provide shall provide Necessary "Back - end" technical documentation support to the customer on their application for getting them the Statutory Clearances / Approvals / NOCs from Statutory Authorities / Government Bodies like Pollution Control Board etc, (if required).	NIT prevails.

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
---------	--	----------	------------	---------	----------------	-------	-----------------

					want of the approval/inspection by concerned authorities. 15.2 Statutory fees paid, if any, (or all such inspections and approvals by authorities) shall be deemed to be included in the quoted prices, if not specified otherwise.	Submission of such applications to the concerned departments, Payment of Fees, if any and the liaisoning with the statutory authorities, if required, shall be in the scope of purchaser.	
23.	General				Delay in the completion of project due to the reasons not attributable to the bidder.	In case the equipment installation / wet trials i. e. plant trial with effluent / commissioning is delayed due to the reasons not attributable to BIDDER or by anything under client's scope (e.g., Non availability of effluent, civil readiness, power/steam availability), plant shall be "deemed commissioned" after 15 days from readiness indicated by the successful bidder.	NIT prevails.

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
						Pending payments, if any, shall be released immediately. Advance Bank Guarantee / Performance Bank Guarantee or any other Guarantees shall be released immediately in these circumstances. The Plant & Equipment Guarantees & Warrantees shall also be applicable accordingly from the date of intimation of readiness of the plant as indicated by BIDDER. Please confirm.	
24.	Page 9 of 2315 Due date of Bid submission				Last Date & Time for Submission of EMD; PQ, Technical and unpriced - Commercial Bid (Cover 1) and Priced Bid (Cover 2) 07.11.2025, at 15:00 hrs. (IST)	In view of the big size and the nature of project, we humbly request you to kindly extend the due date of submission of bid till 4 weeks from your last replies to the bidder's Pre Bid Queries /	In case, Bid Closing date is extended, same shall be uploaded in RFCL website. Please visit RFCL website.

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
---------	--	----------	------------	---------	----------------	-------	-----------------

						issuance of any corrigendum / addendum to the tender enquiry. This will help us get quotations for the bought – out equipment for this project from our vendors.	
--	--	--	--	--	--	---	--

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
25.	Part 2, section -2	555 of 2315		FEED EFFLUENT QUALITY	The quality of effluent available in guard pond is given as minimum, maximum and normal condition. We understand that the bidder needs to design the system considering normal feed quality parameters as base. However, system should be capable to handle/operate mentioned minimum/maximum feed water quality parameters adhering to the product quality. Please confirm.		Noted
26.				additional waste water will also be generated in ETP	We understand that additional waste water will also be generated in ETP and the same need to be treated in the flesh mixer after blending. Please confirm the tentative quality and quantity of additional waste water.		Shall be as per NIT.
27.		561 of 2315		One (1) RO based Treatment Plant of net capacity 300 M3/hr	We understand that 300 M3/Hr is the feed to flash mixer. Please confirm.		Shall be as per NIT.
28.		565 of 2315		consent to establish and consent to operate	Please note that CET and CTO are being issued by the competent authorities to the client and not to contractor. Hence the bidder scope shall be limited to facilitate the client to get CTE and CTO.		All statutory approval shall be in the scope of LSTK Bidder. The bidder has to obtain consent to establish from State Pollution Control

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
							Board before start of construction work at site and consent to operate in advance i.e. at least three months prior to date of commissioning.
29.		565		Sludge generated from ZLD unit to be taken to a designated pre-storage area	Please confirm the distance from ZLD to RFCL designated area.		All available document/ data have been shared with NIT. For more clarity, The CONTRACTOR shall visit the site.
30.		571 of 2315		Steam required for MVR	We understand that the steam required for operation of MVR shall be in the client scope during trial run and O&M period of one year. Please confirm.		Steam shall be free of cost.
31.		575 of 2315		Centrifuge	Kindly confirm whether requirement of centrifuge is 1 or 2 as it is 2 no on page 575 and 1 no page no 570.		The configuration of Centrifuge shall be 1 W + 1 S.
32.		598 of 2315		CORROSION ALLOWANCE	We understand that corrosion allowance will be zero on MSEP and MSRL tanks and vessels. Please confirm.		Corrosion allowance shall not be applicable for Rubber lined equipments.

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
---------	--	----------	------------	---------	----------------	-------	-----------------

							For other, NIT prevails.
33.				Variation of taxes	We understand that any tax variation, new tax implication during the contract period if any, shall be reimbursed by client on submission of required documents. Please confirm.		Refer clause 10.5 of SCC.
34.				Power loading during evaluation	Kindly confirm whether there is any loading for Power consumption and chemical consumption for the evaluation of lowest bid. Please confirm.		NIT prevails.
35.		556/2315		Guaranteed Quality of permeate water from RO-3 train will be same as mentioned for RO-2	Since the reject of RO-2 will have huge TDS and hence the permeate of RO-3 cannot be 150 ppm similar to RO-2. Hence, we request you to kindly allow us to maintain TDS <150 ppm in the finally treated water combining RO-1,2&3. Kindly confirm.		Confirmed. However other conditions shall remain as per NIT.
36.		575 of 2315		Dual Media Filter	In the data sheet the MOC of the vessels is MSRL and in the same continuation it is written corrosion allowance 3 mm epoxy coating. We understand that the vessels is MSRL and no corrosion allowance need to be considered.		Corrosion allowance shall not be applicable for Rubber lined equipments. For other, NIT prevails.

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
---------	--	----------	------------	---------	----------------	-------	-----------------

					Please confirm.		
37.				MOC of all pumps in the RO-1 reject	The feed TDS of DMF -2 feed is < 10000 ppm and hence the MOC of all the pumps in RO-2 can be SS316 L instead of Duplex. Please confirm.		Shall be as per NIT.
38.				Vendor List	In the tender document there is no vendor list for most of the critical item. We understand that any equipment for which vendor list is not provided in the tender, the Contractor will furnish a list of their proposed vendors along with their references for supply of similar type of equipment for its approval. Please confirm.		Bidder shall select sub vendors from the vendor list as specified below. In case vendor for any items are not available in the given list, then bidder shall ensure that sub vendor for the specified item has supplied item for the specified service & the supplied item is in satisfactory service since last 3 years as on date of offer, along with successful PTR. The same shall be acceptable after approval of Client/ PMC. Vendor shall have well proven record for the specified services and shall submit

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply

						unpriced purchase order copy, performance certificate from client as etc. for owner/consultant approval.
--	--	--	--	--	--	--

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
39.	01 - 200 Pages RFCL ZLD NEW TENDER 14.10.2025	21 of 200	Cl. 14.2		“Bidders must before submission of their Bids, acquaint themselves with all applicable regulatory and other legal requirements pertaining to insurance and health, safety and environment requirement in INDIA and rules related to work permit and visa requirements in INDIA or in any way or manner affecting the performance of Scope of Work, the Contractor and the Plant operation and performance including social security, safety, pollution control, permits, licenses, and the other statutory requirements and regulations. The submission of a Bid by the Bidder will be construed as evidence that such an examination was made and the Bidder shall not raise at any time later any claims/disputes against the OWNER and the OWNER shall not be liable for the same in any manner whatsoever.”	We understand from Cl. 14.2 that the bidder is required to comply with all applicable regulatory, statutory, and legal requirements pertaining to health, safety, environment, and necessary permits during execution. In this regard, we understand that the Consent to Establish (CTE) and Consent to Operate (CTO) from the concerned Pollution Control Board are to be obtained by the Owner. Kindly confirm whether the required Consent to Establish has already been obtained for the project. In case the same is not yet available, please confirm if the bidder may proceed with bid submission based on internal approval or confirmation from the Owner that the CTE will be in place prior to commencement of works.	All statutory approval shall be in the scope of LSTK Bidder. The bidder has to obtain consent to establish from State Pollution Control Board before start of construction work at site and consent to operate in advance i.e. at least three months prior to date of commissioning.
40.	01 - 200 Pages RFCL ZLD NEW TENDER	126 of 200	Cl. 18.7		“If any part of the Works has been replaced, renewed or repaired during the Defect Liability Period, the Defect Liability Period in respect of such part shall start again for a period of 12 (twelve)	We understand the intent of this clause is to ensure quality and reliability of major rectified works. However, we request clarification on whether this Extended Defect Liability Period shall apply only in	NIT Prevails

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
	14.10.2025				months from the date on which such replacement, renewal or repair has been completed to the satisfaction of the Engineer-in-Charge ("Extended Defect Liability Period").	cases of substantial repair or replacement that affect the performance or functionality of the system, and not for minor rectifications or routine adjustments, to avoid the Contractor's prolonged involvement beyond the stipulated 12-month DLP period.	
41.	01 - 200 Pages RFCL ZLD NEW TENDER 14.10.2025	149 of 200	Cl. 32.0		Termination	We observe that there is no express provision in the Contract allowing the Contractor to terminate the Contract in the event of default by the Owner due to non-payment within the stipulated period of 30 days. We request the Employer to kindly incorporate a suitable clause enabling the Contractor to terminate the Contract in case of persistent non-payment by the Owner, or alternatively, to explicitly include timely payment within 30 days as a contractual obligation of the Owner.	NIT Prevails
42.	01 - 200 Pages RFCL ZLD NEW TENDER	156 of 200	Cl. 35.2.3		Arbitration The arbitration will be conducted as per the 'Arbitration Act'. The arbitral tribunal shall comprise of a sole arbitrator whom shall be appointed by RFCL	We understand that Unilateral appointment of Arbitrator is detrimental to bidder's interest and may cause serious contractual risks. Therefore, our genuine request is towards a revised	NIT Prevails

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
	14.10.2025					dispute settlement process through arbitration as per Arbitration and Conciliation Act, 1996 including appointment of arbitrator by mutual consent of both the parties.	
43.	01 - 148 of 200 Pages RFCL ZLD NEW TENDER 14.10.2025		Cl. 30		Indemnification	We request that the Indemnification clause be made mutual, wherein RFCL shall also indemnify TWS for any acts, omissions, or deeds committed by or on behalf of RFCL, including those by its agents, directors, or authorized representatives, for which TWS should not be held liable or responsible.	NIT Prevails
44.	General				Change in law	We understand that, if after bid submission/during execution, there is any change in law or enactment of new law/legislation which results into increase in the rate of Wages, prices of consumables/equipment or any other negative statutory variations thereby increase the cost of the Contractor, the same shall be reimbursed/paid/borne by the Employer. Please confirm	NIT Prevails
45.	General				Inordinate delay in ents	We understand that the Contractor shall have the right to Terminate the Contract on	NIT Prevails

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
						Default of Employer or breach of any terms and Conditions by the Employer under the Contract or any inordinate delay in payments to Contractors, without any direct or consequential loss, liability or damages. Please Confirm	
46.	General				Delay Payment	In case of delay payment beyond 30 days to the Contractor by the Employer against the Certified Invoices, the Contractor shall have to right to claim interest @10% p.a. on such delayed payment without prejudice to any other right of Contractor under the Contract including but not limited to right to suspension/ termination". Please Confirm	NIT Prevails
47.	Part-I, Special Conditions of Contract (SCC)	Page 204 of 2315	13.0 & 14.0		Clause 13.0 – Mobilization Advance: “Mobilization advance shall be granted... up to a maximum of 10% of the awarded value... against submission of Mobilization Advance Guarantee. The mobilization advance will attract an interest rate at MCLR (tenure-one year) charged by SBI plus 7% p.a.” Clause 14.0 –	We request RFCL to kindly consider providing interest-free Mobilization and Secured Advances or waive off the interest component mentioned in both Clause 13.0 and Clause 14.0. Given the project's large-scale nature and significant upfront costs, interest-free advances would facilitate smoother cash flow and ensure adherence to the	NIT Prevails

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
---------	--	----------	------------	---------	----------------	-------	-----------------

					Secured Advance: "Contractor shall be allowed Secured Advance on materials... Interest rate shall be MCLR (tenure-one year) charged by SBI plus 7% p.a."	project schedule.	
48.	RFCL ZLD NEW TENDER 14.10.2025	Page 831 of 900	Clause no.5.1.23		No new substation is required. Owner will provide the space to install PMCC, EPMCC, Normal & Emergency Lighting DB and DCDB in the existing electrical Substation-5 and ACDB in existing Water Block Control Room. Owner will also provide space for installation of VFD in AC room of Substation-5.	Kindly confirm the location of substation -5 in the layout.	Refer Plot Plan
49.	RFCL ZLD NEW TENDER 14.10.2025	Page 831 of 900	Clause no.1.12		For replacement of existing guard pond transfer pumps by new pumps, feeder shall be provided from substation SS#6.	Kindly confirm the location of substation -6 in the layout.	Refer Plot Plan
50.	Tender Document – 9	549 of 2315	3.0 PLANT CAPACITY & CONFIGURATION		Feed Capacity	We understand that the 300 m ³ /hr mentioned is the feed capacity at the inlet of the plant. Please confirm.	NIT Prevails.
51.	Tender Document – 9	561 of 2315	1.0 GENERAL		Existing pumps Tag No. 307-PA-005 A&B	As mentioned, "Existing pumps Tag no. 307- PA-005 A&B (Treated effluent pump for Toilet flushing) are to be dismantled and new effluent transfer pumps (of the required capacity) for Treatment	NIT Prevails All available document/ data have been shared with NIT. For more clarity, The CONTRACTOR shall visit the site and study the existing site conditions

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
---------	--	----------	------------	---------	----------------	-------	-----------------

						plant are to be installed.” Please provide the GA Drawing and Data Sheet of pumps Tag no. 307-PA-005 A&B.	
52.	Tender Document – 9	561 of 2315	1.0 GENERAL		Existing pumps Tag No. 307-PA-005 A&B	Please clarify whether the power supply for the new pumps will be taken from the existing connection or through a new dedicated electrical connection.	Engineering has to be done by the bidder.
53.	Tender Document – 9	555 of 2315	1.0 FEED EFFLUENT QUALITY		Feed Effluent Quality	Typical quality of effluent is provided as Normal, Minimum, and Maximum. Please clarify whether it is acceptable to design the system based on the Normal parameters, capable of handling Maximum quality for a short duration (2–4 hours/day). Kindly confirm our understanding.	Bidder to design system considering normal feed quality parameters as base. However, system shall also be capable to handle/operate mentioned minimum/maximum feed water quality parameters adhering to the product quality.
54.	Tender Document – 18	2129–2130 of 2315	710206: REVERSE OSMOSIS PLANT		Master Vendors List – RO	The listed RO plant vendors are not membrane manufacturers. We request inclusion of other reputed RO membrane manufacturers such as LG, Koch, and Toray. Please confirm.	Bidder shall select sub vendors from the vendor list as specified below. In case vendor for any items are not available in the given list, then bidder shall ensure that sub vendor for the specified item has supplied item for the specified service & the

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
							supplied item is in satisfactory service since last 3 years as on date of offer, along with successful PTR. The same shall be acceptable after approval of Client/ PMC. Vendor shall have well proven record for the specified services and shall submit unpriced purchase order copy, performance certificate from client as etc. for owner/consultant approval.
55.	Tender Document – 18	2153 of 2315	710228:	ULTRA FILTRATION PLANT	Master Vendors List – UF	The UF plant vendors listed are not membrane manufacturers. We request that additional UF membrane manufacturers such as LG, Koch, and Toray be considered for inclusion. Please confirm.	Bidder shall select sub vendors from the vendor list as specified below. In case vendor for any items are not available in the given list, then bidder shall ensure that sub vendor for the specified item has supplied item

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
							for the specified service & the supplied item is in satisfactory service since last 3 years as on date of offer, along with successful PTR. The same shall be acceptable after approval of Client/ PMC. Vendor shall have well proven record for the specified services and shall submit unpriced purchase order copy, performance certificate from client as etc. for owner/consultant approval.
56.	Part 2 – Technical Section 5.5	1428 of 1685	26.13		Relocation of Existing Underground Pipeline	Kindly provide details or layout drawings of any existing underground pipelines that are required to be dismantled or relocated.	All available document/ data have been shared with NIT. For more clarity, The CONTRACTOR shall visit the site and study the existing site conditions & existing structures, etc.

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
57.	Part 2 – Technical Section 5.5P	1679 of 1685	Para 10, Point 23		Refuse Disposal	Kindly provide: 1. Approximate location of disposal site for debris/malwa/surplus & unserviceable earth (if any). 2. Distance of the disposal site from the project location.	All available document/ data have been shared with NIT. For more clarity, The CONTRACTOR shall visit the site and study the existing site conditions & existing structures, etc.
58.	Part 2 – Technical Section 5.5	1353 of 1685	3.2.9		Source of Fill Material	Please specify the approximate source or location for procuring imported earth, in case filling works require additional material.	All available document/ data have been shared with NIT. For more clarity, The CONTRACTOR shall visit the site and study the existing site conditions & existing structures, etc.
59.	Part 2 – Technical Section 5.5	1251 of 1685	Point (a)		Dismantling Works	Kindly confirm if there are any other structures to be dismantled apart from the two tanks mentioned.	All available document/ data have been shared with NIT. For more clarity, The CONTRACTOR shall visit the site and study the existing site conditions & existing structures, etc.
60.	Part 2 – Technical Section 5.5	1293 of 1685	2.2.6		Clearance Under Pipe Rack	Kindly specify the required vertical clearance under the pipe rack for areas other than roads.	the recommended vertical clearance under the pipe rack for areas other than roads shall be minimum 2.2 Mtrs.
61.	General Query	—	—		Storm Water Drains	Please provide the tie-in point for connecting the storm water drainage system. Also confirm the MOC (Material of Construction) of the storm water drains.	RCC drain shall be considered.
62.	General Query	—	—		Boundary Wall	Please confirm if a boundary wall or fencing is to be provided around	NIT prevails

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
---------	--	----------	------------	---------	----------------	-------	-----------------

						the battery limit of the proposed plant. If yes, please specify the material of construction.	
63.	General Query	—	—		Load Lifting Requirements	Kindly specify which structures will require EOT cranes and which will require Monorails.	Suitable capacity of Crane (EOT or Monorail Crane) required for steel structure to be supplied by the bidder
64.	Part 2 – Technical Section 5.5	1322 of 1685			Uplift Design Water Table	Kindly confirm whether the uplift design shall consider the groundwater level at ground level or as per the actual water table mentioned in the soil report.	As per actual water table based on Soil investigation report. Carrying out the soil investigation is in bidder's scope The soil investigation report provided in NIT is for reference only..
65.	One (1) Year Operation and Maintenance	23	15.6		-	Our understanding is that the contractor will depute the personnel during the Operation and Maintenance phase as per their own requirement; there will be no limit decided by the Owner.	NIT prevails
66.	Brief Scope of Work	8	2		-	Please specify the detailed Scope of Work under the O&M contract for 1 year. Kindly indicate the quantity of manpower required, scope of work (major/minor maintenance), sludge disposal responsibility, and qualification of manpower to be employed.	NIT prevails

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
67.	Supply Of Water, Power & Other Utilities	197	3	-	-	Please confirm whether Electricity will be provided by the Owner for operation of the plant. Also, please confirm whether D.G. set and fuel will be provided by the Owner.	Electrical power during construction phase shall be provided on chargeable basis at a single point based upon availability. DG and its fuel required during Construction phase shall be arranged by Bidder at their own. During O & M period of 1 year , Electrical Power shall be provided as per NIT, free of cost.
68.	Scope Of Proposal	15	2	-	-	Tank debris disposal is mentioned in bidder's scope. Kindly provide the distance from the site to the stack/disposal point and confirm whether it lies within the plant premises.	All available document/ data have been shared with NIT. For more clarity, The CONTRACTOR shall visit the site.
69.	Scope Of Proposal	15	2	-	-	We understand that sludge disposal/dumping to the designated site will be in the client's	Shall be as per NIT
70.	One (1) Year Operation and Maintena	23	15.6	-	-	Is there any guideline for the minimum manpower to be deputed during the O&M phase? Please provide.	NIT prevails

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
	nce						
71.	Scope Of Proposal	15	2		-	We understand that disposal of sludge/salt generated from the ZLD system shall not be part of the contractor's scope of work. Please confirm.	NIT prevails
72.	Reverse Auction	41	41		-	We request the client to kindly remove the Reverse Auction clause from the bidding procedure. Please confirm.	NIT Prevails
73.	Contract or's Personnel	112	21.1		-	Our understanding is that the contractor will follow the applicable Central/State Minimum Wages Act during the Operation and Maintenance phase, and that no Fair Wages Policy/Act will be applicable. Please confirm.	All Statuary norms in vogue shall be complied.
74.	Feed Effluent Quality	555	1		-	If inlet effluent characteristics do not meet the desired parameters, then there shall be no guarantee for treated effluent parameters. i.e., if one or more inlet parameters are not within the specified limits, the contractor shall not be responsible for achieving the desired treated effluent levels. Please confirm.	NIT Prevails
75.	Price Basis & Currency	21	15.4		-	Lumpsum price shall be inclusive of all taxes, duties, custom duties, and levies including	NIT Prevails

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
---------	--	----------	------------	---------	----------------	-------	-----------------

	Of Bids					BOCW cess etc., as applicable but excluding GST. We request acceptance of applicable cost of work tax separately.	
76.	Price Basis & Currency Of Bids	23	15.6	-		We understand that O&M for 1 year is included in the contract; however, we request	NIT Prevails
77.	Computerized Contractor's Billing System	161	36.11	-		We understand that the fixed rate for O&M will be billed on a monthly basis. Please confirm.	Bidders understanding is correct
78.	General	—	—	-		Please confirm whether canteen facilities will be available for the contractor's personnel on a chargeable basis.	During O&M period only, canteen facilities will be available for the contractor's personnel on a chargeable basis.

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
79.	10. 601 - 700 Pages RFCL ZLD NEW TENDER 14.10.20 25	603 of 2315 (Pg. 3 OF 100)	PC211-7611-046	Process Flow Diagram	We presume that piping scope starts at discharge of 2 no's new pump in the existing guard pond. Please Confirm		Installation of pump in existing guard pond with suction/discharge line piping is in bidder scope
80.	10. 601 - 700 Pages RFCL ZLD NEW TENDER 14.10.20 25	665 of 2315 (Pg. 65 OF 100)	1.8 Piping Inter-Connection	The RO/ZLD permeate water can be used as cooling water make-up, transferred by pumping into cooling tower sumps of existing UCT & ACT with individual isolation valve i.e., ammonia cooling tower & urea cooling tower. There will be provision to divert the RO/ZLD permeate water to Fire water	We presume that RO/ZLD permeate water piping shall be supplied & laid by bidder in the following two locations 1. Up to cooling tower sumps of existing UCT & ACT 2. Up to Fire water reservoir/pump sump Please Confirm		NIT Prevails

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
				reservoir/pump sump in case main plants are under shut down. Provisions for transferring RO/ZLD permeate to existing cooling water sump and fire water reservoir sump including laying of piping will be under scope of supply of LSTK contractor.			
81.	13. 801 - 830 Pages RFCL ZLD NEW TENDER 14.10.20 25	810 of 2315(P g. 11 of 30)	PC211-7611-0001	Plant Layout	Please confirm that the proposed tentative pipe line in plant layout lies above ground or underground		NIT Prevails Pipeline shall be laid on existing piperack (as available) in case the existing piperack is not available new Piperack shall be in the scope of contractor. No piping shall be laid underground. For more clarity, The CONTRACTOR shall visit the site and study the existing site

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
							conditions etc.
82.	13. 801 - 830 Pages RFCL ZLD NEW TENDER 14.10.20 25	810 of 2315(Pg. 11 of 30)	PC211-7611-0001	Plant Layout	We presume that there is no hindrances in the proposed line from Existing Guard pond to ZLD plant of the plant layout		For more clarity, The CONTRACTOR shall visit the site and study the existing site conditions etc.
83.	09. 516 - 600 Pages RFCL ZLD NEW TENDER 14.10.20 25	598 of 2315(Pg. 83 of 85)	4.0 VELOCITY IN PIPES	Acceptable range velocity to be followed is as follows: i) Pump Suction & Gravity Flow: 0.5-0.8m/s ii) Pressure Line: 1.2-1.8m/s	The piping velocity mentioned in the tender document is in lower side. We are proposing following velocity criteria as per Good engineering practice for the same: a) Pump Suction – 1.5m/s b) Pump discharge – 2.5 m/s c) Gravity line – 1m/s		Shall be as per the NIT
84.	11. 701 - 750 Pages RFCL ZLD NEW	665 of 2315 (Pg.	1.8 Piping	Piping lines as per P&ID shall be provided at battery limit which shall be indicated	P&ID is not available in the tender document. Please provide the same.		Engineering has to be done by the bidder, Hence P&ID shall be generated by the bidder. Bidder to develop based on the proposed system during detail engineering.

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
---------	--	----------	------------	---------	----------------	-------	-----------------

	TENDER 14.10.2025	65 OF 100)	Inter-Connec tion	later by Owner. Bidder shall provide valve at battery limit for respective piping system of the package unit.			
85.	10. 601 - 700 Pages RFCL ZLD NEW TENDER 14.10.2025	665 of 2315 (Pg.65 of 100)	1. General – Piping Scope of Work	1.4 There are few utility lines (Service water, Fire water Instrument air) inside the proposed plot location which are to be re-routed; same shall be in the scope of LSTK contractor.	Kindly brief the scope of re- routing line for proper estimation.		Bidder to visit site and verify as per actual site conditions.
86.	10. 601 - 700 Pages RFCL ZLD NEW TENDER 14.10.2025	665 of 2315 (Pg. 65 OF 100)	1.8 Piping Inter-Connec tion	Necessary Tie-in points shall be identified and included in the scope of work of Contractor (For details of Tie-in points, refer	Please provide the details of tie-in connection available in the Fire Water Reservoir.		Line to be routed till fire water reservoir and suitable connection to be provided by bidder during detail Engg.

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
				attached Plot Plan).			
87.	10. 601 - 700 Pages RFCL ZLD NEW TENDER 14.10.20 25	665 of 2315 (Pg. 65 OF 100)	1.8 Piping Inter-Connec tion	Necessary Tie-in points shall be identified and included in the scope of work of Contractor (For details of Tie-in points, refer attached Plot Plan).	Please provide the details of tie-in connection available in the cooling tower sumps of existing UCT & ACT.		Line to be routed till Cooling Tower Sump suitable connection to be provided by the bidder during detail Engg.
88.	10. 601 - 700 Pages RFCL ZLD NEW TENDER 14.10.20 25	676 of 2315 (Pg. 76 OF 100)	5.1.3.2 Pipe-Rack/T-Post/S mall Portals	In general, equipment layout shall be prepared considering straight pipe rack, however other shapes like L / T / U / H / Z etc. can also be considered based on area available.	We presume that above ground pipes coming in the outside of proposed ZLD plant boundary shall be routed on pipe sleeper (or) Pipe rack as per bidder's design. Please Confirm.		As per NIT, the same shall be finalized during detail engg.
89.	09 516 - 600 Pages	586 of 2315	5.1-	Material of construction for	We presume that Pipe MOC shall be selected as per the Critical Piping table as mention in tender document. Please Confirm.		Shall be as per the NIT

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
---------	--	----------	------------	---------	----------------	-------	-----------------

	RFCL ZLD NEW TENDER 14.10.2025	(Pg. 71 OF 85)	Critical Piping:	pipes carrying fluids shall be as below:		
90.	14 831 - 900 Pages RFCL ZLD NEW TENDER 14.10.2025	Page 853 of 2315 (23 of 70 & 40 of 70)	5.POWER SUPPLY DISTRIBUTION	Owner will provide 2 nos. power feeder at 415V. Voltage rating for the motors of different ratings shall be as below: Up to 150 KW: 415 V, 3-phase, 50 Hz AC Above 150 KW: 6.619 KV, 3-phase, 50 Hz AC	As per tender it is mentioned motor rating above 150KW will be connected to 6.6 KV. The Bidder assumes the Owner will provide separate 6.6 kV power supplies for the loads above 150 kW motors. Kindly confirm.	Presently 6.6. kV Motors are not envisaged. In case, rating of motors comes out to be more than 150 kW, 6.6. kV power supply (Maximum 2 Nos. Motors) shall be provided by Owner. In case, there are more than 2 Nos. 6.6 kV Motors, 6.6 kV Switchboard with 2 Nos. Incomers, Bus coupler, Bus PT, Motor Outgoing Feeders and Spare Feeders as per NIT shall be in Bidder's scope. Any Feeder Modification as required and all cabling works shall be in Bidder's scope.
91.	14 831 - 900 Pages RFCL ZLD NEW	Page 863 of 2315	8.2 Switch	Numerical Relay communication ports shall be used for integrating ZLD	Kindly provide the details of existing ECS and SAS system for monitoring ZLD. Also provide the interface points.	The CONTRACTOR shall visit the site and collect the existing data etc. Interface point shall be existing ECS and SAS. All hook up activities with existing ECS

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
---------	--	----------	------------	---------	----------------	-------	-----------------

	TENDER 14.10.2025	(33 of 70 & 40 of 70)	Boards	Plant Electrical System with Main Plant Electrical Control System (ECS) and SAS System for monitoring ZLD plant installation.			System (Honeywell make), programming, provisions of MCL, ICD, PSL etc. for numerical relay as per RFCL requirement for mapping the feeder on RFCL existing ECS system of Honeywell make shall be in Bidder' s scope.
92.	14 831 - 900 Pages RFCL ZLD NEW TENDER 14.10.2025	Page 881 of 2315 (51 of 70)	8.8 I/O RACK, DATA CONCE NTRAT OR , ETHER NET SWITC H ETC. FOR EXISTI NG ECS SYSTE M (HONEYWELL	8.8.1 All hook up activities with existing ECS System (Honeywell make), programming, provisions of MCL, ICD, PSL etc. For numerical relay as per RFCL requirement for mapping the feeder on RFCL existing ECS system of Honeywell make shall be in LSTK Contractor scope.	Kindly provide the system architecture diagram for existing ECS system.		The CONTRACTOR shall visit the site and collect the existing data etc.

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
---------	--	----------	------------	---------	----------------	-------	-----------------

			MAKE)				
93.	14 831 - 900 Pages RFCL ZLD NEW TENDER 14.10.20 25	Page 848 of 2315 (18 of 70)		No new substation is required. Owner will provide the space to install PMCC, EPMCC, Normal & Emergency Lighting DB and DCDB in the existing electrical Substation-5 and ACDB in existing Water Block Control Room. Owner will also provide space for installation of VFD in AC room of Substation-5.	Bidder request to provide Existing Substation05- General Arrangement Drawing.		The CONTRACTOR shall visit the site and collect the existing data etc.
94.	14 831 - 900 Pages RFCL ZLD NEW TENDER	Page 848 of 2315 (18 of		Owner will provide 2 nos. power feeder at 415V for normal power supply, 1 no. power feeder at	Bidder request to provide the Single Line Diagram with scope demarcation for RO- ZLD Package.		The CONTRACTOR shall visit the site and collect the existing data etc.

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
	14.10.2025	70)		415 for emergency power supply from their existing switchboards installed at electrical Substation-5.			
95.	PC211/E/002/PII/Sec-5.1	601 of 2315	10.5	Flow transmitters with pressure & temperature compensation	Bidder proposes to use electromagnetic/DP Type/ Ultrasonic flow meters which does not require pressure and temperature compensation. Please confirm.	Flow measurement of Gas & Steam require pressure Temperature compensation.	
96.	PC211/E/002/P-II/Sec-5.4	1230 of 2315	8.1	System Redundancy	System redundancy is specified in detail with 1:1 redundancy for the CPU, communication bus, I/O modules, power supplies, etc. The bidder shall provide a redundant configuration for the CPU, Communication bus and power supplies. Non-redundant IO modules is proposed for control system. Please confirm.	IO module shall be redundant.	
97.	PC211/E/	1189 of		ZLD System and	The ZLD PLC control system shall provide redundant MODBUS TCP/IP ports for integration with Client's DCS/ESD. These ports shall be provided at the PLC server cabinet. The interconnecting cable, all hardware and software required at the client DCS	For important operating data and indications required for surveillance and monitoring, a provision shall be made to repeat the signals in Client's DCS/ ESD from ZLD package PLC control system , wherever applicable.	

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
	002/P-II/Sec-5.4	2315	1	Client DCS/ESD System Integration.	system shall be provided by the client. Please confirm.		For this bidder to provide communication redundant port, MODBUS TCP/IP. Bidder to provide necessary interfacing cards in the Rack room. All the hardware & software required for the same shall be in bidder scope.
98.	PC211/E/002/P-II/Sec 5.4	1197 of 2315	3.35	All Analyzers shall be Ex.proof irrespective of area of installation.	Analyzers will be installed in safe areas for process applications. The bidder shall provide analyzers that are suitable for these safe area application. Please confirm.		NIT shall prevail.
99.	PC211-102-SEC-5.4	1111 of 1685	1	Bidder to note that ES & OS for ZLD plant shall be accommodated in the existing Water block control room.	Kindly share the GA of existing Water block control room.		The same shall be shared during detail engineering
100.	Vol 16 Section 5.5	Page 1394 of 2315	4.3 SHALL FOUNDATION	Buoyancy from high ground water levels shall be taken into account in investigating stability against uplift.	As per tender geotechnical report the Ground water table is not indicated. Hence request you to provide the same.		The CONTRACTOR shall visit the site and collect the existing data etc.

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
---------	--	----------	------------	---------	----------------	-------	-----------------

			S			
101.	Vol 1 Section 1	Page 15 of 2315	2.0 SCOPE OF PROPOSAL	Modification of existing control room of water block and integration with existing facilities.	Please provide As built drawings, location and details of the existing control room.	The CONTRACTOR shall visit the site and collect the existing data etc.
102.	Vol 13 & Vol 16 Section 5.5 & Vol 16 Section 5.5	Page 810 of 2315 & Page 1476 of 2315 & Page 1327 of 2315	Drg title- "Layout/ Plot plan of ZLD plant"& SPOT LEVEL SHEET ANNEXURE- IX&1.2 Topographical / Contour Survey	Dwg No : PC211-7611-0001Notes:FGL-172.00 m&The mentioned spot levels of existing ground level indicated in the Drawing were in the range 1.56-2.42&The CONTRACTOR shall establish the finished grade levels after studying the existing site conditions, high flood level, +0.300 M form existing road between proposed	The Levels mentioned in the layout (Dwg No PC211-7611-0001, Vol 13)and spot level sheet (Vol 16, Annexure IX) are not matching. Please provide the FGL and the existing ground level EGL to be considered.	NIT Prevails The CONTRACTOR shall establish the finished grade levels after studying the existing site conditions, high flood level, +0.300 M form existing road between proposed plant and existing plant facilities, whichever is higher ,so as to maintain proper efficient drainage of the plant area at no extra cost to OWNER / PMC. At bidding stage, the CONTRACTOR shall visit the site and study the existing site conditions & existing structures, etc.

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
---------	--	----------	------------	---------	----------------	-------	-----------------

				plant and existing plant facilities, whichever is higher.		
103.	Vol 1 & Vol 13	Page 562 of 2315 & Page 810 of 2315	1.0 GENERAL & Drg title- "Layout/ Plot plan of ZLD plant" Dwg No PC211-7611-0001	V. The piping required for the utilities required to ZLD from the hook-up location shall be in contractor's scope of work. VI. The piping required for the lines to/from guard pond, water to cooling water makeup/ fire water reservoir shall be in contractor scope".	Kindly provide the As built drawings of the pump house near the guard pond, firewater reservoir and cooling water sump for the interconnection of pipes.	The CONTRACTOR shall visit the site and collect the existing data etc.
104.	Vol 16 Section 5.5	Page 1398 of 2315	5.2 LIQUID RETAINING R.C.C. STRUC	All liquid retaining / storage R.C.C. structures shall be leakproof with minimum grade of M30 and designed	We presume that, All liquid retaining structure shall be designed with limiting crack width as per IS 3370.	Shall be as per NIT

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
---------	--	----------	------------	---------	----------------	-------	-----------------

			TURES AND BASEMENTS	as uncracked section in working stress method as per IS:3370.			
105.	Vol 13 & Vol 1	Page 810 of 2315 & Page 562 of 2315	Drg title- "Layout/ Plot plan of ZLD plant" Dwg No PC211-7611-0001 & 1.0 GENERAL	In Drawing indicated as – "Existing pump to be replaced by new pump". & V. The piping required for the utilities required to ZLD from the hook-up location shall be in contractor's scope of work.. VI. The piping required for the lines to/from guard pond, water to cooling water makeup/ fire water reservoir shall be in contractor scope".	We presume that only the civil works related to the replacement of pumps / the interconnection of pipes for the inlet and the outlet is in the scope of the bidder and any other Civil modifications or works is not in the bidder's scope Kindly confirm.	All civil/mechanical etc. Replacement work of existing pumps with new pumps and its associated piping is in bidder scope	
106.				V. The piping required for the	We presume that there is no requirement for the provision of any new pipe racks or new sleepers for the pipe routing as indicated in the	Wherever existing pipe rack is available line to be routed on	

PRE-BID QUERIES RESOLUTION (SET-1)

PRE-BID QUERIES RESOLUTION (SET-1)							
Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
	Vol 13 & Vol 1	Page 562 of 2315 & Page 810 of 2315	Drg title- "Layout/ Plot plan of ZLD plant" Dwg No PC211-7611-0001 & 1.0 GENER AL	utilities required to ZLD from the hook-up location shall be in contractor's scope of work. VI. The piping required for the lines to/from guard pond, water to cooling water makeup/ fire water reservoir shall be in contractor scope".	drawing No PC211-7611-0001 from ZLD to guard pond, cooling water sump and fire water reservoir. Please confirm.	same and if required suitably new rack to provided wherever existing rack is not available considering operation and maintenance of existing facilities.	
107.	Vol 13	Page 810 of 2315	Drg title- "Layout/ Plot plan of ZLD plant" Dwg No PC211-7611-0001	Pipe rack	Please indicate the pipe rack width and height at inside the proposed ZLD plant.	It is part of detail engg. the same is part of scope of work of contractor.	
108.				Contractor shall design a suitable barricading	Please indicate the height of barricading to be considered by bidder. We presume that, Barricade shall be provided for the	- Height of barricading shall be as per Standard Industrial practice.	

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
---------	--	----------	------------	---------	----------------	-------	-----------------

	Vol 16 Section 5.5	Page 1373 of 2315	2.11 BARRICADE	system for protection of existing facilities.	proposed RO ZLD plant area only. Please confirm	- Barricade shall be provided for the proposed RO ZLD plant for protection of existing facilities.	
109.			General	Fence / Boundary Wall	As the proposed ZLD plant is inside the RFCL premises, we presume that New Fencing / boundary wall construction is not in the bidder's scope. Kindly confirm	Same shall be as per NIT.	
110.			General	Equipment Placements	We presume that all the outdoor equipment's / pumps will be kept open to sky without any provision of shed or roof cover. Kindly confirm.	Shall be as per NIT	
111.	Doc 1	16 of 200	PART-1: Commercial 2.0 Scope of proposals	aa. Sludge generated from ZLD unit to be taken to a designated pre-storage area (identified by RFCL) before disposal is in bidder scope.	we understand that area for disposal of sludge will be designated by RFCL	Shall be in the ZLD plant premises	
112.	Doc 1	16 of 200	PART-1: Commercial	z. One (1) year Operation and Maintenance.	We request the employer to provide all bulk chemicals such as HCl, NaOH, H2O2 at free of cost to the bidder.	NIT prevails	

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
---------	--	----------	------------	---------	----------------	-------	-----------------

			2.0 Scope of proposals				
113.	Doc 1	131 of 200	GCC 23. Terms of payments	Terms payments	We understand that payment during O &M will be on monthly basis. Please kindly confirm.		Bidders understanding is correct
114.	PART II: TECHNICAL/sec 1	Page 549 of 2315	3	Design Flow	As per our understanding, 300 M3/hr will at inlet of RO ZLD plant. Also bidder has free to decide the capacity of evaporator. Please confirm.		NIT prevails
115.		General		Design Temperature	Please provide the minimum and maximum temperature of effluent for designing RO system.		NIT prevails
116.	PART II: TECHNICAL/sec 2	Page 555 of 2315	1	Feed Effluent Quality	We understand that the feed effluent quality is provided with Normal, Minimum, and Maximum ranges. Kindly specify the frequency or occurrence of the Minimum and Maximum values		Bidder to design system considering normal feed quality parameters as base. However, system shall also be capable to handle/operate mentioned minimum/maximum feed water quality parameters adhering to the product quality. For more clarity bidder may visit

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
---------	--	----------	------------	---------	----------------	-------	-----------------

							site for data collection.
117.	PART II: TECHNICAL/sec 2	Page 555 of 2315	1	Feed Quality Effluent	The Values given for Ammonical Nitrogen as N , Nitrate Nitrogen as N ppm ,Total Kjeldahl nitrogen as N , Kindly reconfirm the values given.		NIT Prevails
118.	PART II: TECHNICAL/sec 2	Page 555 of 2315	1	Feed Quality Effluent	The Values given for Ammonical Nitrogen as N , Nitrate Nitrogen as N ppm, Total Kjeldahl nitrogen as N , Kindly confirm the how much is soluble & Particulate		Shall be as per NIT. For more clarity bidder may visit site for data / sample collection.
119.	PART II: TECHNICAL/sec 2	Page 555 of 2315	1	Feed Quality Effluent	There is no biological treatment given in tender document & PFD. Hence request to provide how the Total Nitrogen values will be taken care before entering into the RO system .		Bidder to note that detail engineering is in bidder scope. Bidder to consider necessary instrumentation/ equipments to meet the guarantee parameters and for safe smooth and successful operation of the complete system.
120.	PART II: TECHNICAL/sec 2	Page 556 of 2315	2.1	HRSCC TSS Value Outlet	10 ppm TSS at outlet of HRSCC is difficult to achieve, hence we request you to revisit these values.		Shall be as per NIT
121.	PART II: TECHNICAL/sec 2	Page 556 of 2315	2.2	DMF Outlet TSS Value	1 ppm TSS at outlet of DMF is difficult to achieve, hence we request you to revisit these values.		Shall be as per NIT

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
---------	--	----------	------------	---------	----------------	-------	-----------------

122.	PART II: TECHNICAL/section 2	Page 556 of 2315	2.4	RO Recovery	Please Clarify the min recovery required from the overall RO system. and designing of RO recovery shall be based on bidder designs.	As per NIT. Bidder may propose RO-III for optimization of ZLD plant. However, RO-III recovery rate shall be min 50%
123.	PART II: TECHNICAL/section 4	Page 571 of 2315	2.3	Sludge Handling System	We understand that the dewatered sludge cake disposal will be in the client's scope. Please confirm	NIT prevails
124.	PART II: TECHNICAL		General	Existing Guard Pond	Please provide the Hydraulics Profile of the existing Guard Pond from where the Proposed HRSCC Feed Pump will be connected. Also, please provide the dimensions and the Invert level and Top water level of the existing guard pond.	NIT Prevails The CONTRACTOR shall visit the site and collect the existing data etc.
125.	PART II: TECHNICAL		General	Existing Guard Pond	Client to provide the distance from the Guard pond to the ZLD Plant	Refer Plot Plan The CONTRACTOR shall visit the site and collect the existing data etc.
126.	PART II: TECHNICAL		General	Battery Limit	Client to provide the distance from the client's battery limit to the fire water reservoir.	Refer Plot Plan The CONTRACTOR shall visit the site and collect the existing data etc.
127.	PART II: TECHNICAL		General	Battery Limit	Client to provide the distance from the client's battery limit to the cooling water sump.	Refer Plot Plan The CONTRACTOR shall visit the site and collect the existing data etc.

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
128.	PART II: TECHNICAL/sec 2	Page 557 of 2315	3.0 Utility	Utility Requirement	We understand that the following utilities are in client scope: 1.Power 2. Cooling water 3 Instrument Air 4.LP Steam (For start up) 5.Drinking Water 6.Service Water		During O&M period Utilities are in client scope.
129.	PART II: TECHNICAL/sec 2	Page 557 of 2315	3.0 Utility	Utility Requirement	Client to confirm the following utilities will be available at plant battery limit. 1.Power 2. Cooling water 3 Instrument Air 4.LP Steam (For start up) 5.Drinking Water 6.Service Water		NIT prevails
130.	General		General	Bid Index	Client to provide the Bid Index for document submission		Refer Cl. 21 of ITB
131.	PART II: TECHNICAL/sec 4	Page 582 of 2315	3.0 TECHNICAL SPECIFICATION	Evaporator Working time	Please clarify the working hours of the Evaporator system .		NIT Prevails

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
132.	PART II: TECHNICAL/sec 4	Page 570 of 2315	2.1 Process Description	Centrifuge Quantity	Please confirm the configuration of the Centrifuge. Centrifuge quantity mismatch on Page 570 of 2315 and Page 575 of 2315		NIT specification prevails.
133.	PART II: TECHNICAL/sec 4	Page 575 of 2315	3.0 TECHNICAL SPECIFICATION Datasheet	Sludge Handling System	As per our understanding, a Common sludge handling system is to be designed for HRSCC-I and HRSCC-II sludge handling. Client to Confirm.		Bidder understanding is correct. Shall be as per NIT.
134.	PART II: TECHNICAL/sec 2	Page 557 of 2315	3.0 TECHNICAL SPECIFICATION Datasheet	Outlet Qualities	Please Provide the required qualities at outlet of crystallizer, and final salt moisture content.		Moisture content in solids (salt) at ZLDP outlet to be considered as: Max-10%
135.	PART II:		3.0		As per our understanding , Slurry of Concentration less than 50% at the outlet of MEE can be achieved without a pusher centrifuge. Please confirm and clarify does bidder has free hand to		NIT prevails

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
---------	--	----------	------------	---------	----------------	-------	-----------------

	TECHNICAL/sec 2	Page 557 of 2315	TECHNICAL SPECIFICATION Datash eet	Outlet Qualities	design system to achieve the given outlet parameter		
136.	PART II: TECHNICAL/sec 4	Page 573 of 2315	3.0 TECHNICAL SPECIFICATION Datash eet	Tank MOC	Please confirm the MOC of Dolomite MSRL OR CS. MOC Mismatch on Page 573 of 2315 and Page 575 of 2315		NIT prevails
137.	PART II: TECHNICAL	-		Design Criteria	Please provide the design Surface flow rate for DMF-II		Bidder to decide during detail engineering in consultation with PMC/Owner.
138.	PART II: TECHNICAL		3.0 TECHNICAL SPECIFICATION Datash eet	Backwash Arrangement	Please confirm that the same backwash system can be used for DMF-I and DMF-II		Shall be as per the NIT

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
139.	General			Levels	Please provide NGL (Natural Ground Level). FGL(Finished Ground Level), HPP of the plant		NIT Prevails The CONTRACTOR shall establish the finished grade levels after studying the existing site conditions, high flood level, +0.300 M from existing road between proposed plant and existing plant facilities, whichever is higher ,so as to maintain proper efficient drainage of the plant area at no extra cost to OWNER / PMC. At bidding stage, the CONTRACTOR shall visit the site and study the existing site conditions & existing structures, etc.
140.	PART II: TECHNICAL/section 4	Page 573 of 2315	3.0 TECHNICAL SPECIFICATION	Dosing system	As per the bidder's understanding and previous experience, PAC dosing is not advised when RO filtration is at the downstream. Please confirm that the bidder can use the alternative option (FeCl3) as a coagulant at the inlet of HRSCC		Shall be as per the NIT.
141.							NIT specification prevails

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
---------	--	----------	------------	---------	----------------	-------	-----------------

	PART II: TECHNICAL/sec 4	Page 577 of 2315	3.0 TECHNICAL SPECIFICATION Datasheet	UF Feed Tank	clarify the retention time for UF Feed tank.		
142.	PART II: TECHNICAL/sec 4	Page 578 of 2315	3.0 TECHNICAL SPECIFICATION Datasheet	Ultra Filter Water Tank	MOC for the filtered water tank is mentioned in the RCC in the tender. As per good engineering practice metallic tank is preferred as in ,RCC chances of contamination are usually higher.		Shall be as per the NIT
143.	PART II: TECHNICAL/sec 4	Page 577 of 2315	3.0 TECHNICAL SPECIFICATION Datasheet	Ultra Filter Water Tank	Clarify the retention time for Ultra filter water tank.		NIT specification prevails
144.					As Per Tender 555 of 2315 Inlet turbidity value mentioned as 4 -20 NTU while at page		Shall be as per the NIT effluent quality.

PRE-BID QUERIES RESOLUTION (SET-1)							
Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply

	PART II: TECHNICAL/sec 4	Page 572 of 2315	3.0 TECHNICAL SPECIFICATION Datash eet	HRSCC design Turbidity Value	no 572 of 2315 Clarifier -I design Turbidity value mentioned as 500 NTU. Pls clarify the same.	For design value, bidder to decide/consider as per standard Engg. Practice.
145.	PART II: TECHNICAL/sec 4	Page 573 of 2315	3.0 TECHNICAL SPECIFICATION Datash eet	Solution Strength of mentioned for ferric , Lime ,poly ,Dolomite & Sodaash	We request the solution of the dosing chemical shall be as per industry standard & Market availability.	Technical specifications mentioned in the NIT are minimum. Bidder to decide/consider as per standard Engg. Practice.
146.	PART II: TECHNICAL/sec 4	Page 577 of 2315	3.0 TECHNICAL SPECIFICATION Datash eet	Net Flux Rate for Ultrafiltration UF Module -I	As per tender Flux rate mentioned is 25 GFD which is very low ,we request you flux rate shall be as per reputed UF Manufacturer .	Shall be as per the NIT.
147.						Shall be as per the NIT.

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
	PART II: TECHNICAL/sec 4	Page 573 of 2315	3.0 TECHNICAL SPECIFICATION Dash eet	Qty of Dosing Pump @ (1W+1SB) for each Tank	We understand that dosing pump qty for each application shall be 1W+1SB		
148.	PART II: TECHNICAL/sec 4	General	3.0 TECHNICAL SPECIFICATION Dash eet	Distance from Existing Guard Pond to Zero Liquid discharge Plant	Kindly confirm the distance from existing Guard Pond to Zero Liquid discharge Plant		Refer plot Plan The CONTRACTOR shall visit the site and collect the existing data etc.
149.	PART II: TECHNICAL/sec 4	Page 576 of 2315	3.0 TECHNICAL SPECIFICATION Dash eet	DMF Outlet Turbidity Value	<2 NTU Turbidity at outlet of DMF is difficult to achieve, hence we request you to revisit these values.		Shall be as per the NIT.
150.	PART II:		3.0		Kindly confirm the Cartridge filter vessel MOC can be CS with suitable		Shall be as per the NIT.

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
---------	--	----------	------------	---------	----------------	-------	-----------------

	TECHNICAL/sec 4	Page 579 of 2315	TECHNICAL SPECIFICATION Datasheet	Micron Cartridge Filter - Vessel MOC	lining .		
151.	PART II: TECHNICAL/sec 4	Page 580, 581 & 582 of 2315	3.0 TECHNICAL SPECIFICATION Datasheet	Data sheet	The datasheet given on these pages shall be based on bidder's design requirement.		NIT Prevails
152.	PART II: TECHNICAL/sec 4	Page 570 of 2315	3.0 TECHNICAL SPECIFICATION Datasheet	Crystallizer sludge storage	As per tender page no 583 crystallize sludge storage capacity mentioned as 1 month while at page no 570 of 2315 it is mentioned as 15 days . Pls clarify how much storage needs to be consider.		Shall be as per NIT
153.	PART II: TECHNICAL/sec 4	Page 603 of 2315	PFD	PFD	As per PFD DMF Backwash sump is showing , Can we use UF Permeate tank to to backwash of DMF .		Shall be as per NIT

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
	4						
154.	PART II: TECHNICAL/sec 4	Page 603 of 2315	PFD	CIO2 Dosing	As per tender page no 577 of 2315 Hypo dosing is given while in PFD CIO2 dosing is given .Pls clarify on above.		Shall be as per NIT
155.	PART II: TECHNICAL/sec 4	Page 587 of 2315	5.1 Critical Piping	RO I & II Permeate	Please confirm whether CS material of construction can be used for RO and RO II permeate lines after pH correction		Shall be as per NIT
156.	PART II: TECHNICAL/sec 4	Page 587 of 2315	5.1 Critical Piping	Pipeline from UF I to RO I Skid	Please confirm whether CSRL material of construction can be used for UF I TO RO I Skid .		Shall be as per NIT
157.	PART II: TECHNICAL/sec 5.1	Page 602 of 2315	10.5 STORAGE (RESIN /CHEMICALS)	DPT Across each Dual media filters I&II	We understand from this, that DPT shall be provided at header for all critical strainer & filters. .Kindly confirm .		No change. Shall be as per NIT.
158.	PART II: TECHNICAL/sec 5.1	Page 602 of 2315	10.5 STORAGE	Basket Type strainers (1W+1S)	We understand from the tender that the standby (1S) unit will be common for each stream of UF (UF-I and UF- II). Please confirm our understanding		No change. Shall be as per NIT.

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
			(RESIN /CHEMICALS)				
159.	PART II: TECHNICAL/sec 5.1	Page 602 of 2315	10.5 STORAGE (RESIN /CHEMICALS)	Micron Cartridge Filter (1W+1Sb)	We understand from the tender that the standby (1S) unit of MCF will be common for each stream of RO . Please confirm our understanding		No change. Shall be as per NIT.
160.	PART II: TECHNICAL/sec 5.1	Page 602 of 2315	10.5 STORAGE (RESIN /CHEMICALS)	Pump shall be provided with local pressure guage at suction & discharge ,transmitter with indication & alarms in CCR ,auto trip & start as applicable.	we understand that only local pressure gauges will serve the functional requirement for field monitoring, while optimizing cost and simplifying instrumentation. Pressure transmitters with CCR indication and alarm may be considered only for Critical pumps.Pls confirm .		No change. Shall be as per NIT.
161.				Flow transmitters	We understand that installing flow transmitters at all individual inlets and outlets will lead to redundancy and a higher number of instruments. Hence, we propose to provide flow transmitters with pressure and temperature compensation only at common headers for DMF,		No change. Shall be as per NIT.

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
	PART II: TECHNICAL/sec 5.1	Page 602 of 2315	10.5 STORAGE (RESIN /CHEMICALS)	with Pressure & temperature compensation shall be provided at inlet lines, All DMF inlet & individual outlets, UF outlets, RO Inlets & RO outlets Permeate & Rejects.	UF, and RO systems instead of at each individual stream. Please confirm acceptance of this proposal.		
162.	PART II: TECHNICAL/sec 5.1	Page 602 of 2315	10.5 STORAGE (RESIN /CHEMICALS)	All media & resin traps shall be provided with DPG query for this if we do not want to give this	Installation of DPGs on media and resin traps adds unnecessary instrumentation without providing meaningful operational benefit. Monitoring of pressure drop can be effectively done at the filter vessel level, ensuring reliable operation with reduced maintenance and cost.		Shall be as per NIT.
163.	PART II: TECHNICAL/sec 5.1	Page 602 of 2315	10.5 STORAGE (RESIN /CHEMICALS)	All centrifugal pumps shall be provided with automatic minimum	Based on Operating Philosophy & system design which ensures sufficient minimum flow during operation we proposed Bidder to decide for which critical pump it is required.		No change. Shall be as per NIT.

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
				CALS)	circulation line.		
164.	PART II: TECHNICAL/sec 4	Page 585 of 2315	4.0 Control Philosophy	pH & Conductivity analyser at discharge of equalization Tank	We understand that Sludge sump shall be read as Equalization tank .Pls confirm .Hence which instrument to be given in sludge sump shall be as per process requirement .		Shall be as per NIT. Bidder to furnish.
165.	PART II: TECHNICAL/sec 4	Page 585 of 2315	4.0 Control Philosophy	General	We understand that all the analyser which is mentioned in clause shall be provided at headers only .		Shall be as per NIT.
166.	PART II: TECHNICAL/sec 4	Page 585 of 2315	4.0 Control Philosophy	All pumps shall be equipped with Pressure transmitter	We understand that Pressure measurement shall be provided at every pump however type shall be depend on application & requirement .		Shall be as per NIT.
167.	PART II: TECHNICAL/sec 4	Page 586 of 2315	MVR Type evaporator	Fluoride in Condensate water will be <1.5 ppm.	we request to pls revisit these values as we do not have any fluoride value in Feed water quality.		Refer NIT. Shall be as per NIT.
168.		Page	SP3		Kindly confirm the location and methodology for power measurement during performance testing - whether it will be measured at individual equipment level or at a common power feeder for the plant .		Power measurement shall be done at Incoming Feeder of PMCC/EPMCC of Bidder.

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
		542 of 2315	(Guaranteed consumption Figures)	Consumption per Day (24 Hrs)			
169.		Page 542 of 2315	SP3 (Guaranteed consumption Figures)	Consumption per Day (24 Hrs)	Pls clarify whether the power guarantee refers to process equipment power or total plant power .	Total Plant Power. Shall be as per NIT	
170.		Page 542 of 2315	SP3 (Guaranteed consumption Figures)	Consumption per Day (24 Hrs)	Pls confirm the basis for power consumption guarantee -whether it is to be evaluated on specific power consumption (kwh/m3 of permeate) or total connected load basis.	Bidder to indicate power Consumption per day (24 hrs) for required capacity as per Specification	
171.	01 - 200 Pages RFCL ZLD NEW TENDER 14.10.20	18 of 2315 (Pg. 18 of	10.1 Earnest Money Deposit	IMPLEMENTATION OF ZERO LIQUID DISCHARGE ZLD UNIT AT RFCL, RAMAGLUNDAM PLANT INSTRUCTION TO BIDDERS Page 14 Page 15 *3 Branch : Commercial Branch, 70, The Great Eastern Centre Query : 1103393 01 10 2020 10:00 : 124200 2. P. No. : 10000000000 3. Current Account : 40300767010	Bidder understands that the bank details provided are for NEFT/RTGS transactions. Kindly confirm whether the same bank details can also be used for Bank Guarantee (BG) processing.	Refer Annex 1.1.2 of NIT.	

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
	25	200)					
172.	07 451 - 500 Pages RFCL ZLD NEW TENDER 14.10.20 25	479 of 2315 (Pg. 29 of 50)	BID SECURITY FORM (EARN EST MONE Y DEPOS IT)	Unless a demand or claim under this guarantee is made on us in writing on or before the _____ to include 6 months claim over and above the period mentioned in the paragraph for the validity of the bank guarantee in the tender we shall be discharged from all liability under this guarantee thereafter.	The validity period of BG already includes 3 months from the tender validity. By this the EMD validity is 9 months. But the form mentioned to include additional 6 months of claim period which is beyond a year. We understand that the EMD validity is 9 months including claim period, Kindly Confirm		NIT prevails
173.	13 801 - 830 Pages RFCL ZLD NEW	810 of 2315 (Pg.	Layout/ Plot		We understand that the arrangement provided in layout is indicative/conceptual only. The bidder can provide his own arrangement. Kindly confirm		Bidder's understanding is correct. However, subject to PMC/ Owner approval

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
---------	--	----------	------------	---------	----------------	-------	-----------------

	TENDER 14.10.2025	11 of 30)	Plan of ZLD)				
174.	BOQ & PNMM/P C211/E/002/P II/Sec.-1.0	35 of 2315	Recom mended Spare	SP-4 [TWO (2) YEARS RECOMMENDED SPARE] & Prices quoted for One (1) Year O&M spares in SP-4 shall not be considered for Bid Evaluation purpose.	Bidder understand it is typo error , bidder has to quote for 1year o&M recommended spares and same will not considered for evaluation. Please confirm	NIT prevails Not a typographical error. Two years Recommended spares shall be provided by the contractor as per Spares List (PC211/E/002/P-II/Sec-9.0) of the tender and shall be part of LSTK Price. Lump sum Price for one year Operation & Maintenance services includes all spares for ZLD Unit including Control System for 01 year.	
175.	PNMM/P C211/E/002/P II/Sec.-1.0	552 of 2315	Power for constru ction	Construction power supply facilities: Construction Power shall be provided at single point at 415 V (1	please clarify, power for testing , commissioning anf PGTR shall be provided by customer to the contractor. Kindly confirm	Shall be as per NIT	

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
---------	--	----------	------------	---------	----------------	-------	-----------------

				no. feeder) on chargeable basis.			
176.	PNMM/P C211/E/002/P I/Sec.-1.1	47 of 2315	MOU	Bidder has to submit copy of a valid MoU duly signed by both parties (i.e. bidder and prospective sub-vendor(s) / contractor (s) who has successfully completed the installation and commissioning of MVR Technology based Evaporator System of minimum capacity of 10 m3/hr.)	Bidder understands that the MOU template is not provided in the tender documents. Hence, the bidder proposes to proceed with their own standard template . Kindly confirm.		Noted
177.					With reference to the Reverse Auction (RA) Clause in the tender document, we would like to bring to your attention that RA is generally adopted by PSUs for bulk material procurements such as steel, cement, etc. However, this tender is a technology-driven and performance-based contract, involving comprehensive design, engineering, and execution responsibilities. Hence, the Reverse Auction mechanism may not be		NIT Prevails

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
---------	--	----------	------------	---------	----------------	-------	-----------------

					suitable for such technically intensive bids. We therefore request the Employer to kindly eliminate the Reverse Auction clause to encourage better competition and fair price discovery. Kindly consider.		
178.			General	Reverse Auction	With reference to the Reverse Auction (RA) Clause in the tender document, we would like to bring to your attention that RA is generally adopted by PSUs for bulk material procurements such as steel, cement, etc. However, this tender is a technology-driven and performance-based contract, involving comprehensive design, engineering, and execution responsibilities. Hence, the Reverse Auction mechanism may not be suitable for such technically intensive bids. We therefore request the Employer to kindly eliminate the Reverse Auction clause to encourage better competition and fair price discovery. Kindly consider.	Refer above reply	
179.	Doc 1	16 of	PART-1: Comm	ff. Preparation of Tender for disposal of sludge / salt generated by the ZLD unit, along with list of recommended agencies to sludge disposal, tender preparation/lining up of the disposal	The bidder presumes that the sludge generated will be collected and transported to the designated disposal area within the RFCL site, by bidder and that the further disposal to TSDF will be under the owner's scope. Kindly confirm.	NIT prevails	

PRE-BID QUERIES RESOLUTION (SET-1)

Sr. No.	Volume No. / Section No. of bid document	Page No.	Clause No.	Subject	Tender Content	Query	RFCL/PDIL Reply
---------	--	----------	------------	---------	----------------	-------	-----------------

		200	Commercial 2.0 Scope of proposal is	party shall be in bidder's scope. The coordination with TSDF for disposal of sludge along with the necessary handling like storing Hazardous waste building, loading to truck etc. shall be in the bidder's scope. The payment for the disposal to the party selected/authorized by TSPCB/PCB for disposal shall be done at actual basis to the party directly by the bidder/LSTK Contractor.			
--	--	-----	-------------------------------------	---	--	--	--

AMENDMENT-1

ANNEXURES FOR SCC

1	MEASURE OF WORKS	ANNEXURE – IA
2	CALIBRATION REQUIREMENT OF MONITORING AND MEASURING DEVICES AT CONSTRUCTION SITES	ANNEXURE – IB
3	TERMS OF PAYMENT	ANNEXURE - II
4	QUALITY MANAGEMENT SYSTEM	ANNEXURE – III
5	HEALTH, SAFETY & ENVIRONMENT MANAGEMENT	ANNEXURE – IV
6	DELETED	ANNEXURE – V
7	QUALIFICATION & EXPERIENCE REQUIREMENT	ANNEXURE – VI
8	DELETED	ANNEXURE – VII
9	STRUCTURAL STEEL AND TMT BARS	ANNEXURE – VIIIA
10	CEMENT	ANNEXURE – VIIIB
11	APPROVAL OF CONSTRUCTION SUBCONTRACTOR	ANNEXURE – IX
12	ITEMS QUALIFYING FOR SECURED ADVANCE	ANNEXURE – X
13	CONDITION FOR ISSUE AND RECONCILIATION OF MATERIALS	ANNEXURE – XI
14	DELETED	ANNEXURE – XII

R

N.R

N.R

R

R

N.R

reserves

Requirement for control of monitoring and measuring devices.

Sl. No.	Description	Calibration requirements	Frequency	Remarks
A.	Civil-Survey			
A.1.	Theodolite	To check for permanent adjustments by traversing and observing the closing error	once in a year or project duration whichever is earlier	Record to be maintained (See note below)
A.2.	Levels	To check by Backsight/ Foresight readings, the temporary adjustments of level	Every use	Record to be maintained (See note below)
A.3.	Steel measurement tapes	---	---	a. "Freemans" make or BIS approved make shall be used. b. Mutilated, or broken tapes shall not be used. c. Marking on the tape shall be legible
A.4.	Cross staff	---	---	Same as 3b&3c above
A.5.	Distomat	Actual Physical Verification at Site	Before using first time at site	Records to be maintained
A.6.	Total Station	To check for permanent adjustments by traversing and observing the closing error, etc.	once in a year or project duration whichever is earlier	Record to be maintained (See note below)
B.	Civil Laboratory			
B.1.	All balances-Mechanical	Check for zero error	Whenever used	---
B.2.	Weigh Batcher/Batching Plant	Calibration of scales	Once in three Months	Records to be maintained
B.3.	Cube testing machine	Calibration certificate from manufacturers or from reputed calibrating agency.	As per manufacturer specification or once a year whichever is earlier	Records to be maintained
B.4.	Moisture Meter	Calibration of scales	6 months	Records to be maintained

Note: If Error is found, it has to be sent to manufacturers or their authorized agents for rectification and certification. Reputed calibrating agency shall be NABL accredited for relevant testing.

Sl. No.	Description	Calibration requirements	Frequency	Remarks
C.12	Variable current, voltage and resistance generators	Calibration Certificate from reputed laboratories	Once in Six months	Records to be maintained
C.13	Temperature/ Pressure Recorders	Calibration from manufacturer or any reputed calibrating agency	Once in Six months	Records to be maintained
C.15	Temperature gauges	Calibration Certificate from reputed laboratories	Once in Six months	To be discarded in case of damage or malfunctioning
C.16	Thermocouples	Manufacturer's Certificate or Chemical Check	---	---
C.17	Vibration probes	Calibration from reputed laboratory	Once in a year	To be discarded in case of damage or malfunctioning
C.18	Decibel-meter	Calibration from reputed laboratory	Once in a Year	- do -

Note: If Error is found, it has to be sent to manufacturers or their agents for rectification and certification & reputed laboratory shall be NABL accredited for relevant testing.

Annexure - VII - ACONTRACT CLAUSE FOR ACCEPTANCE OF STRUCTURAL STEEL AND TMT BAR MANUFACTURERS.

1. Steel manufacturers having valid BIS certificate and listed in the BIS website as on date of procurement of steel shall be allowed for supply of steel (Structural steel and TMT bars) and contractor shall procure from them with prior intimation to Engineer-in-charge.
2. Tests after receipt of structural steel at site:

In addition to availability of valid BIS license and MTC, for each category / size of structural steel procured, one sample from every 50 MT or part thereof shall be drawn and tested in approved laboratory. The charges for such testing shall be borne by the contractor.

3. Tests after receipt of TMT bars at site:

In addition to availability of valid BIS license and MTC, sample as specified under shall be drawn and tested in approved laboratory. The charges for such testing shall be borne by the contractor.

- Under 10 mm bars one sample for each 25 MT (or part thereof) for consignment below 100 MT and one sample each 40 MT (or part thereof) for consignment above 100 MT shall be tested.
- For 10 mm to 16 mm bars, one sample for each 35 MT (or part thereof) for consignment below 100 MT and one sample each 45 MT (or part thereof) for consignment above 100 MT shall be tested.
- Over 16 mm bars one sample for each 45 MT (or part thereof) for consignment below 100 MT and one sample each 50 MT (or part thereof) for consignment above 100 MT shall be tested.

Annexure VIII-BCONTRACT CLAUSE FOR ACCEPTANCE OF CEMENT MANUFACTURERS.

1. Cement manufacturers having valid BIS certificate and listed in the BIS website as on date of procurement of cement shall be allowed for supply of cement and contractor shall procure cement from them with prior intimation to Engineer-in-charge.
2. Tests after receipt of cement at site: Each batch of cement (week wise as mentioned on cement bags) supplied by the contractor after delivery at site shall be subjected to the tests and analysis required by the relevant Indian Standard Codes. The contractor shall carry out and bear the cost of all tests and analysis to ensure quality of cement before using in actual works.

