

Loan No. and Title: 3183-IND, Rajasthan Urban Sector Development Program

Invitation for Bid No.: RUSDP/Program Loan/ 01

Contract Package Number & Name: RUSDP/ Program/ BIK/ 01; Construction of Sewerage network and allied works and Operation & maintenance services of the entire system for 10 years at Gangashahar zone, Bikaner.

CLARIFICATIONS TO BIDDERS QUERIES

SI. no	Reference Section & Clause No.	Bidders Query	RUIDP Clarifications
Bidder 1			
1.	Clause No. 11.2 of Bid Data Sheet, Page 2-5 <i>Documents to be submitted in physical form</i>	<p>Please clarify whether the Bidder is required to submit only Envelope A in physical form. In case any other document besides documents prescribed in Envelope A needs to be submitted, please provide a list of the same.</p> <p>Also, please clarify whether the Bidder can submit Notarized copy of General Power of Attorney instead of Original Power of Attorney. In case the Bidder is required to submit project specific Power of Attorney, please clarify. Also, please provide the format.</p>	<p>Yes. Bid document provisions shall prevail. Power of attorney to be submitted in original duly notarized specific to project. Bid document provisions shall prevail.</p>
2.	Clause No. 2.3.2, Section 3, Evaluation and Qualification Criteria, Page 3-18 <i>Average Annual Construction Turnover</i>	<p>We would request you to kindly consider Minimum Average Annual Turnover instead of Minimum Average Annual Construction Turnover of last 3 years.</p>	<p>Not agreed. Bid document provisions shall prevail.</p>

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3.	<p>Clause No. 2.4.2, Note 3, Section 3, Evaluation and Qualification Criteria, Page 3-13 Construction Experience in Key Activities</p> <p>Clause No. 2.3.3, Section 3, Evaluation and Qualification Criteria, Page 3-9 Financial Resources Requirement</p>	<p>We request you to kindly consider as follows:</p> <p>All the technical as well as financial criteria shall be fulfilled by any of the partners in the JV or collective strength/ capacity of the Joint Venture partners as one entity shall be considered.</p>	<p>Not agreed. Bid document provisions shall prevail.</p>
4.	<p>Form Fin-1, Section 4 Bidding Forms, Page 4-17 Historical Financial Performance</p>	<p>The Bidder has been asked to furnish the financial data for the FY 2010-11, 2011-12, and 2012-13 whereas as per our understanding it should be FY2012-13, 2013-14, 2014-15 or FY2013-14, 2014-15, 2015-16 (if available). Please clarify.</p>	<p>Please refer Addendum-1. (may refer revised Part 1 Vol 1 : Setion IV : Fin-1 form) Bidder shall submit financial statement (audited) for latest 5 years (FY 2011-12, 2012-13, 2013-14, 2014-15 & FY 2015-16). If balance sheet for FY 2015-16 is not audited; financial statement for FY 2010-11, 2011-12, 2012-13, 2013-14 & 2014-15, shall be submitted.</p>
5.	<p>Form Fin-5, Section 4, Bidding Forms, Page 4-22 Sample Form for Assured Revolving Line of Credit Facility</p>	<p>We would request you to kindly consider the Line of Credit letters issued by the Bank in their prescribed proforma's in the last 6 months from the date of bidding.</p>	<p>Not agreed. Bid document provisions shall prevail.</p>

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6.	Clause No. 1.23.9 of Section 6.1, Scope of Services, Page 135 of 186 Safety Equipment	<p>Please let us know whether any location has been allocated for storage of explosives.</p> <p>Since all the approvals are to be taken from Government Departments, it would be better if the client will take prime responsibility in obtaining necessary permissions. The Contractor shall assist the client in taking these permissions.</p> <p>The Contractor shall not be held responsible due to delays in obtaining approvals from Statutory Authorities.</p>	<p>Query is not clear; It is clarified in the sub clause 1.14 of section VIII : Part B – Specific Provisions at page 8-8. Bid document provisions shall prevail. Explosives (Chlorine drums) shall be stored at STP premises in separate storage room with all required safety provisions.</p>
7.	Clause No. 6.5, Section 6, Employer’s Requirement Personnel Requirements	<p>We would request you to kindly modify this clause as follows:</p> <p>In field office on need basis depending upon the project requirement as per manning schedule provided before commencement of work.</p> <p>Moreover, the team specified in Clause No. 6.5, Section 6 seems to be high. Would also request you to kindly reconsider the team requirement.</p>	<p>It is clarified in the “Requirement” column in clause 6.5. Bid document provisions shall prevail.</p>
8.	Clause No. 6.6, Section 6 Employer’s Requirement Equipment Requirements	<p>The equipment requirement specified under this clause seems to be high. Would request you to kindly reconsider the equipment requirement. For e.g. ‘Bituminous Hot Mix Plant and Road Layer/ Paver Equipment’ is not required on regular basis at site. The same shall be arranged on need basis as per mobilization schedule provided at the time of commencement of work.</p>	<p>Requirement of equipment shall be considered after SIP period.</p>
9.	Clause No. 1.1.78, Section 8, Particular Conditions of Contract (Page 8-2) Time for Completion of Design Build	<p>We understand that the project is to be executed on turnkey basis i.e. design is to be carried out by the Bidder. The Bidder has also to make provision for Power Generation. Also, the Bidder has to conduct Underground Survey through Geo-Referencing which itself is a six months task. Thus, it is very difficult for any Bidder to complete this project in 900 days/29.6 months. To be very realistic, we request you to kindly enhance the duration of project to 42 months.</p>	<p>Not agreed. Bid document provisions shall prevail.</p>

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10.	Clause No. 4.2, Section 8, Particular Conditions of Contract, Page 8-2 Performance Security (as percentages of accepted contract amount in currencies)	We would request you to kindly modify this clause as follows: The Performance Security shall be in the form of an unconditional bank guarantee in the amount of 5% of the Accepted Contract Price, issued by a reputable Bank located in the Employer’s country.	Not agreed. Bid document provisions shall prevail.
11.	Clause No. 4.2, Section 8, Particular Conditions of Contract, Page 8-10 Performance Security Clause No. 14.10, Section 8, Particular Conditions of Contract, Page 8 -15 Payment of Retention Money	We would request you to kindly apply any one clause so as to maintain better cash flow. Also, please consider the percentage as 70%, 20% and 10% respectively.	Not agreed. Bid document provisions shall prevail.
12.	Clause No. 9.6, Section 8, Particular Conditions of Contract, Page 8-3 Maximum amount of delay damages	We would request you to kindly modify this clause as follows: Maximum amount of sectional delay damages limited to 5% of Accepted Contract amount of the section. Maximum amount of delay damages equal to 5% of Accepted Contract Amount for the Design Build.	Not agreed. Bid document provisions shall prevail.
13.	Clause No. 13.3, Section 8, Particular Conditions of Contract Variation Procedure	For any additional item, latest available SOR Rates should be considered. Kindly allow.	Not agreed. Bid document provisions shall prevail.

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14.	Clause No. 14.2, Section 8, Particular Conditions of Contract, Page 8-4 Amount of Advance Payment (percent of Accepted Contract Amount)	<p>We would request you to kindly release at least 10% advance of contract value so as to maintain better cash flow. This 10% (Ten percent) amount should be released in following 2 stages:</p> <ol style="list-style-type: none"> 1. 50% (Fifty percent) of the contract price should be released at the time of signing of contract agreement. 2. Balance 50% (Fifty percent) of the contract price should be released at the time of mobilization of resources at site. 	Not agreed. Bid document provisions shall prevail.
15.	Clause No. 14.2, Section 8, Particular Conditions of Contract Percentage deductions for repayment of Advance Payment	Recovery within 18-6=12 months period is not a good decision for healthy cash flow of contractor. Would request you to kindly amend this clause on pro-rata basis.	Not agreed. Bid document provisions shall prevail.
16.	<p>Clause No. 4, Schedule 1: Obligations of the Employer through RUIDP or Its Succeeding Agency, Page 8-2 Obligations of the Employer through RUIDP or Its Succeeding Agency</p> <p>Clause No. 2, Schedule 2, Obligations of Employer through BMC, Page 8-3 Obligations of</p>	We understand that due to delay in handing over of site to the Contractor or providing hindrance free site, the Contractor shall be eligible for Extension of Time. Please confirm.	Contractor shall be eligible for extension of time for delay in handing over of any site to the contractor, if the work is held up as per contractor's schedule.

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	Employer through BMC		
17.	General	In case, the provisional sum exceeds the allocated amount, the amount so exceeded shall be borne by the client or bidder. Kindly clarify.	Expenditure incurred through provisional sum shall be borne by the Employer.
18.	Schedule 5, Contractor Payment, Page (Schedule 8-7) Contractor Payment	There are numerous delays which are not attributable to the Contractor and Contractor shall not be held responsible for the same. Hence, we would request you to kindly delete this clause.	Bid document provisions shall prevail.
19.	Schedule 5, Contractor Payment, Page (Schedule 8-7) Contractor Payment	We would request you to kindly amend this clause as follows: Payments for Design-Build: The eligibility of payment shall be as follows: (A) For Sewerage collection system (laterals) i. 50% of the cost of sewer line on supply and stacking at site ii. 30% of the cost of sewer line laying and jointing iii. 10% of the cost of hydro testing and road restoration iv. 10% on commissioning of lateral system with property connection up to property chamber (B) For pumping main, Trunk main, Outfall and other sewers i. 50% of the cost of sewer line on supply and stacking of pipes ii. 30% of the cost of sewer line on laying and jointing iii. 10% of the cost of hydro testing and road restoration iv. 10% on commissioning of sewer line	Bid document provisions shall prevail.
20.	Item No. 86 of BoQ	Since Pushing is not possible without M.S. Collar in Jack Pushing for RCC Pipe. Here, M.S. Collar is not mentioned. So, M.S. Collar is extra item or not. Please clarify.	M.S. Collar or any other items required, deem to be considered in the BOQ item. Bid document provisions shall prevail.

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		Please provide the thickness of pipe to be considered as per Railways standard.	
21.	Item No. 92 of BoQ Granular Bedding	The Bedding unit mentioned against this item is in meters whereas it should be cum. Please clarify.	Bid document provisions shall prevail.
22.	Item No. 187 of BoQ	We believe that 20 mm dia is so small to handle the discharge and it has been observed in the past that local residents generally create hurdles while putting 20 mm dia service pipe. So, would request you to please allow laying of service pipe of greater dia.	Bid document provisions shall prevail.
23.	Item No. 326 of BoQ	Kindly clarify the nos. of vehicles.	Maximum 2 Nos vehicles may be required but has to be provided as per direction of Engineer. Rate of the item is to be quoted per vehicle per month.
24.	General Power Connection	Kindly clarify whether power connection to STP/SPS shall be provided by the client or provision of the same is to be done by the Bidder and cost to be included in its bid	Power connection is to be provided by the Employer up to the boundary of STP/ SPS but power connection required for construction purpose, shall be arranged by the contractor at his own cost.
25.	General Land Availability	Kindly clarify whether Land is available for STP/SPS with the Employer for handing over to the Contractor.	Land for STP/ SPS is available.
26.	General Disposal Area	Excess excavated material of site would be required to be disposed at approved locations. It is requested to provide the locations of these approved disposal areas. Please confirm whether any location has been allocated for Waste disposable from STP. Also, please provide the distance from site.	Site for excess excavated material disposal shall be decided in consultation with local body. Location for disposable from STP may be disposed at land fill site, which is available adjacent to Gangashahar zone; However, the location shall be finally decided in consultation with local body.
27.	General Extension in date for submission of bids	You are requested to kindly extend the bid purchase as well as submission dates. The deadline for submission of bids should be extended by at least 30 days from the date of reply of pre-bid queries.	Not agreed. Bid document provisions shall prevail.
Bidder 2:			

Sl. no	Reference Section & Clause No.	Bidders Query	RUIDP Clarifications
1.	Qualification Criteria. 2 Clause No. 2.3.3 Financial Resources Requirement	We request you to allow Fund Based & Non Fund based Credit Facilities also in the Form FIN-4 to meet the Financial Resources Requirement.	Not agreed. Bid document provisions shall prevail.
Bidder 3			
Review of Pre-qualification Criteria			
1.	Section 3, Evaluation & Qualification Criteria, 2.4.1, Contracts of Similar Size and Nature	<i>We request you to please accept following. <u>All the partners should jointly and severally meet the requirements mentioned in Section 3, Evaluation & Qualification Criteria, 2.4.1, Contracts of Similar Size and Nature & 2.4.2 (i) & (ii) Construction Experience in Key Activities and request you to remove Each Partner condition.</u> Please accept and confirm.</i>	Not agreed. Bid document provisions shall prevail.
2.	Section 3, Evaluation & Qualification Criteria, 2.4.2, Construction Experience in Key Activities	<i>We request you to please accept following. <u>All the partners should jointly and severally meet the requirements mentioned in Section 3, Evaluation & Qualification Criteria, 2.4.1, Contracts of Similar Size and Nature & 2.4.2 (i) & (ii) Construction Experience in Key Activities and request you to remove Each Partner condition.</u> Please accept and confirm.</i>	Not agreed. Bid document provisions shall prevail.
3.	Section 3, Evaluation & Qualification Criteria, 2.4.2, Construction Experience in Key Activities	<i>We request you to please accept following. <u>All the partners should jointly and severally meet the requirements mentioned in Section 3, Evaluation & Qualification Criteria, 2.4.1, Contracts of Similar Size and Nature & 2.4.2 (i) & (ii) Construction Experience in Key Activities and request you to remove Each Partner condition.</u> Please accept and confirm.</i>	Not agreed. Bid document provisions shall prevail.
Other Critical Queries			

Sl. no	Reference Section & Clause No.	Bidders Query	RUIDP Clarifications
4.	General Geo-technical Investigation Report	<i>We request you to please provide us the Geo-technical Investigation Report for our study.</i>	Geo-technical investigation reports are provided in Part 1 Vol 1 at 6.4 at pages 296 to 328.
5.	General Land status	<i>Kindly confirm the details of Ownership of Land & current status of the Land Acquisition for major component like...STP, Pump House and All Reservoirs.</i>	Government land is available for STP & SPS. However, land for ESRs for re-use purposes shall be finalized during SIP period based on design in available large gochar land.
6.	General ROW	<i>ROW shall be in client scope for laying the pipeline.</i>	ROW shall be provided by the Employer. Please refer clause 4.13 of section VII : GCC.
7.	General No. of Crossings	<i>Kindly confirm us the number of crossings like, Road, Railway, River, Canal, Gas, HT line etc...While laying the pipeline for the project.</i>	Railway crossing is not in the area under scope. Different crossings, required, shall be finalized based on survey work done by the contractor and final design/ details as submitted by the contractor during SIP period.
8.	Section 8, PCC, Clause: 14.3(c) Retention Amount	<i>We request you to accept Bank Guarantee equivalent to the full retention amount which will improve bidder's cash flow during contract.</i>	Yes. It is allowed and clarified in the bid document under clause 14.3 of section VIII : Part B (Specific Provisions) at page no 8-10.
9.	General Taxes and Duties	<i>Any increase or new imposition of taxes and duties & other levies shall be reimbursed at actual Kindly accept and confirm.</i>	Yes. Please refer clause no 14.7 section I: Instruction to Bidders & 13.6 of Section VII: GCC.
10.	General Exemption on Taxes and Duties	<i>Please confirm us whether "<u>Exemption</u>" on Excise Duty & Service Tax is available or not.</i>	Excise exemption/custom duty exemption certificates in the format provided in the bid document will be issued in favour of named supplier proposed by the Contractor. Presently Contract is exempted from service tax. Service tax on BOQ items, if any, in contract period will be reimbursed to the Contractor

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11.	General Return of EMD	<i>Kindly confirm us the time frame for returning of the EMD to the bidder in case the bid is unsuccessful.</i>	Please refer clause 19.5 of Section I: Instruction to Bidders.
12.	General Land for Use	<i>Space for Site office, stores & Staff and labor shall be provided to the contractor by Client at free of cost.</i>	Bidder has to arrange at his own cost; however, he may also use STP land for such purposes.
13.	General Water Supply during Construction	<i>We request you to please provide free of cost Water during Construction period apart from Operation and Maintenance Period. Kindly accept and confirm.</i>	Not agreed. Bidder has to arrange water at his own cost.
14.	General Electricity for Contractor's Use on Site	<i>We request you to please provide free of cost Electricity during Construction period apart from Operation and Maintenance Period. Kindly accept and confirm.</i>	Not agreed. Bidder has to arrange water at his own cost.
15.	General Existing Utilities	<i>Kindly provide us the details (Data) of existing underground utilities.</i>	Bidder has to carry out underground utility survey in SIP period as per scope of work.
16.	General Approvals & Permissions	<i>All PCB approvals & permissions will be in employer's scope. All required permissions & Approval towards respective authority, Institutions shall be in client's (Employer's) scope. Please confirm.</i>	It is clarified in the sub clause 1.14 of section VIII : Part B – Specific Provisions at page 8-8. Bid document provisions shall prevail.
17.	General Lead Distance	<i>Please provide us the details about debris/disposal location along with the lead distance from Source (Tapping) / Pump House Site and WTP & STP.</i>	Location for disposal of debris/ surplus earth etc shall be finalized in consultation with local bodies.
18.	General Power Cut	<i>Please provide average duration of power cut in order to assess diesel consumption during construction & O&M period.</i>	It is clarified that cost of diesel to be borne by the line agency for operation & maintenance. Bid document provisions shall prevail.

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19.	General Performance Bank Guarantee	<i>We request you to allow successful contractor to submit Performance Bank Guarantee (each) year wise for EPC & O&M work.</i>	Not agreed. Bid document provisions shall prevail.
20.	General Beneficiary Bank Details	<i>We request you to please provide us beneficiary bank's details at the time of BG issuance.</i>	Beneficiary Bank details are as : Bank Name : State Bank of Bikaner & Jaipur Branch : Secretariat, Jaipur IFSC Code No, : SBBJ0010031
21.	Part 1, Volume 1 Change in Law	<i>Change in law clause is not provided, this is required for claiming difference in change in law by Govt. that affects total project cost. Please confirm.</i>	Please refer clause 13.6 of section VII: GCC.
22.	Part 1, Volume 1 Taxes & Duties	<i>The project is funded by ADB, therefore please confirm that is there any Excise Duty and Custom Duty exemptions are available or not? Or whether bidder has to include all taxes, duties etc... in the contract price. Please confirm.</i>	Yes. Excise/ custom duty exemption is available. It is clarified in the clause ITB 14.7 Section II – Bid data sheet at page 2-6 and form for excise/ custom exemption is given in section 9: Contract forms.
23.	Part 1, Volume 1 Service Tax	<i>Please confirm our understanding that Service tax exempted for services provided to the Govt., a local authority or a governmental authority by way of construction, erection, commissioning, installation, completion, fitting out, repair, maintenance, renovation or alteration of pipeline, conduit, or plant for (i) water supply, (ii) water treatment, or (iii) sewerage treatment or disposal.</i>	Presently Contract is exempted from service tax. Service tax on BOQ items, if any, in contract period will be reimbursed to the Contractor.
Bidder 4			
1.	Section –II: Bid Data Sheet, Clause ITB 4.1 Page 2-2	In EPC contract consortium partners can execute the projects with several defined responsibility and liability; it should not require forming a JV Company to execute the work and practice being followed in similar EPC projects.	Not agreed. Bid document provisions shall prevail.

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		Therefore it is hereby requested to please remove the said clause for formation of SPV among the JV partners.	
2.	Section –III: Evaluation and Qualification Criteria Clause 2.3.1: Historical Financial Performance Page 3 - 7	IV. If the company participating in JV is formed only 3 years back and available with 2 years Balance sheet and financial statements, though meeting all the required parameters, would be eligible for participation in proposed JV. Kindly clarify	Yes; Such bidding firm will be eligible.
3.	Section –III: Evaluation and Qualification Criteria Clause 2.4.2 Construction Experience in Key Activities Page 3-13	We request you that kindly amend the as below: (ii) Experience in construction, commissioning and O& M for a period of minimum one year of STP (Any proven Technology) of minimum 10mld capacity (Could be met by subcontractor; A Memorandum of Agreement (MOA) with sub contractor is required to be submitted with the bid).	Not agreed. Bid document provisions shall prevail.
4.	Section –III: Evaluation and Qualification Criteria Clause 2.4.2 Construction Experience in Key Activities Page 3-13	It is hereby requested that in case any of the member meets 100% requirement of qualification criteria then the stipulation requiring other member of the JV to meet at least one requirement from either 2.4.1 (Single work completed exceeding INR 400 million) OR 2.4.2 (i) OR 2.4.2 (ii) (construction experience in key activities) should be waived.	Not agreed. Bid document provisions shall prevail.
5.	Clause No. 1.7, Table - 1 Page 19	Set up Power generation unit for 20 MLD sewage plant not financially viable. So, please remove this.	Please refer Addendum-I (Part 1 Vol 1 – Section 6.1, Table 1, S No 11 Page 19) Power generation unit shall be provided with gas engines of suitable capacities for power generation for 10 MLD, 15 MLD and 20 MLD. Guarantee for minimum power generation for 10 MLD, 15 MLD & 20 MLD flow shall be 900 KWH, 1350 KWH & 1800

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			KWH per day respectively. For intermediate sewage flow, guaranteed minimum power generation shall be considered at lower side flow. Bidder shall make arrangement for flaring the gas for lesser flow.
Bidder 5			
1.	Section 4, Clause 5.7, Page 4-22, Sample form for Revolving line of credit	Sample form has given in the document for Revolving line of credit. We presume that bidder can submit the revolving line of credit in their banker's format. Kindly confirm	Not agreed. Revolving line of credit to be submitted in the enclosed format.
2.	Section – 8, Clause 14.2, Page 8-4, Mobilization advance	<p>Clause mentioned that bidder shall get 5% of total construction work cost as advance and the same will be issued equal to 10% of construction works approved in Annual Plan.</p> <p>Since this job required huge initial mobilizations such as machineries, manpower and office establishment etc.... in the beginning of the project itself, we request to provide 10% of the contract price as mobilization advance in single release. Kindly accept the request.</p>	Not agreed. Contract clause is clear. It is clarified that contractor will get advance payment equal 10% of construction work approved in annual plan (i.e. on annual basis) but limiting to 5% of total construction work. Therefore, contractor will get advance payment on annual basis and in totality; he will be eligible to get 10% of total construction works. Bid document provisions shall prevail.
3.	Section-4, Clause15, Page 4-48, Preamble to Bill of Quantities	<p>Clause mentioned that "The rates and prices inserted in the BOQ by the bidder shall be deemed to cover all costs, taxes, customs and import duties, levies, profits, risks, liabilities, insurance and obligations set forth or implied in the bid"</p> <p>Since it is a Government project and the ultimate beneficiary is the general public, we presume that Service tax is not applicable for this project for construction and O&M. Kindly confirm</p>	Presently Contract is exempted from service tax. Service tax on BOQ items, if any, in contract period will be reimbursed to the Contractor
4.	Section 6.1, Clause 1.9.1, Page 23 of 186, Operating obligations	Clause mentioned that "The contractor shall operate and maintain the entire works and all other allied works under this contract, for the DLP of one year and for 10 years O&M" We presume that the 1 year	Yes. 10 Years O&M period start from the date of final commissioning; which includes the period of DLP of

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	for the works	DLP period is included in the 10 year O&M. Kindly Confirm	1 year.
5.	Part 1- Vol 1, 1.22.1, 62, Site investigation	Kindly provide Contour map, soil investigation report & HFL of proposed STP site.	Contour map of whole area is provided in the Part 1 Vol 3 : Drawings. Geo-technical investigation reports are provided in Part 1 Vol 1 at clause 6.4 at pages 296 to 328. HFL is to be finalized during SIP period as per survey & designs to be done by contractor.
6.	Site Investigation	Level of Ground water table at the proposed STP location is not available in the NIT specifications. Kindly provide the design ground water table level to be considered.	Ground water table in Bikaner town, in general, is below 60 M depth; however, bidder should make his own assessment/ study of the area.
7.	Site Investigation	Location of Effluent pumping station & ESRs not available in the tender drawings. Kindly provide the location details of Effluent pumping station & ESRs along with contour map & soil investigation report	Effluent pumping station has to be provided in STP campus only. Location for ESRs for re-use purposes has not been finalized. Contractor has to carry out survey/ design for re-use in agriculture to d/s of STP and location of ESRs shall be finalized in available large gochar land during SIP period based on design.
8.	Site Investigation	Please provide safe bearing capacity of soil to be considered in preliminary design.	It is clarified in clause 2.3 of section 6.2.2: particular specification that "Safe bearing capacity of well compacted backfill soil shall not be considered more than 100 KN/M ² ."
9.	Vol1, Clause 1.17.1, Page 48 of 186, Treated Effluent Pump House	Double Flanged class-B Cast iron pipe has been provided for pump suction and delivery piping of Sewage Pumping station. Can we consider the same MOC for suction and delivery piping of Treated effluent pumping station	Yes. CI Double Flanged CL-B pipe may be considered for suction/ delivery piping of treated effluent pumping station.
10.	Vol 1, Clause 1.7, Page 20 of 186, Treated Effluent Pump House	Kindly provide the Hydraulic Retention time to be considered for Treated effluent pumping station	Please refer Addendum-1. ('Part 1 Vol 1 – clause 1.7 of section 6.1; Page 20.) Receiving reservoir/ tank at STP of capacity as per mass balance for 30 MLD flow but with minimum storage capacity of half an hour average flow (30 MLD).

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			Hydraulic retention time may be considered as per CPHEEO design guidelines.
11.	Vol1, 1.23.8.2, 132 of 186, Treated Effluent Pump House	Area of duty room is given as 40m ² Kindly confirm the purpose of duty room, Since pumps will be placed in pump station	Please refer Addendum-1 (Part 1 Vol 1 : Section 6.1 clause 1.23.8.2; Table 9, S No k at Page no 131 of 185). Area of duty room to be considered as 20 M ² .
12.	Part1vol1, Table 1, 19 of 186, Scope of work and service	As per table 1 S No 2 topography, survey area is mentioned 35 sq km, where as in BOQ S No 3 it is mentioned as 30 Sq km. Please clarify.	Please refer Addendum-1(Part 1 Vol 1 : Section 6.1 clause 1.7; Table 1, S No 2, Page No 19 of 185). Sub-project area to be considered as 30 Sq Km
13.	BOQ, Earthwork/timbering, S no 19 / S no 39 of 186, Depth of excavation	As per Earthwork BOQ depth of excavation is mentioned as 7.5m, In Timbering maximum depth is mentioned 6m. If excavation depth is 7.5 the same needs to be reflected in timbering item. Please clarify	Please refer Addendum-1. Timbering item in BOQ at S No 42 & 46, to be considered as 3.0 to 7.5 m depth.
14.	Part1vol1, Table 1, 19 of 186, Scope of work and service	As per table 1 S No 4, length of trenchless technology is mentioned as 30 km, where as in BOQ S No 71 to 85 length of trenchless technology is 33.45Km. Please clarify these discrepancies.	Please refer Addendum-1 (Part 1 Vol 1 : Section 6.1 clause 1.7; Table 1, S No 4, Page No 19 of 185). Length of trenchless technology to be considered as approx. 33.45 Km.
15.	BOQ, 115 and 118, Plastic manhole	As scope of work includes plastic circular manholes, Please confirm where it is to be laid?	Provision for plastic circular manholes has been considered extra on lump sum basis and it's requirement may be decided as per site conditions.
16.	BOQ, 322, ESR	Please confirm number of ESRs, location of ESR, staging height and corresponding treated effluent pipe diameter and length.	Location of ESRs is to be finalized based on the survey, study and design of re-use of treated effluent for agriculture etc, submitted by the contractor. Stagging height of ESR considered in BOQ item is 15 to 18 M and may be decided as per design submitted by the contractor during SIP period. Total capacity of ESRs has been considered in BOQ item. However, capacity of each ESRs shall be finalized as per design submitted by the contractor, limiting to capacity of each ESR in range of 600 KI to 1200 KL.

SI. no	Reference Section & Clause No.	Bidders Query	RUIDP Clarifications
17.	BOQ, 322, ESR	Please provide distribution area for ESRs and corresponding pipe diameter and length.	Contractor is to carry out survey for re-use in agriculture d/s of STP in range of 4-5 Km distance from STP. Pipe diameter and length have been considered in BOQ item but final quantities may vary to BOQ quantities as per final design during SIP period.
18.	BOQ, 322, ESR	In BOQ SI No 322 description specifies (Each ESR capacity 600KL to 1200 KL) and staging 15m whereas quantity specify 2400KL. Please provide capacity of each ESR to be constructed	Total capacity of ESRs has been considered in BOQ item. However, capacity of each ESRs shall be finalized as per design submitted by the contractor limiting to capacity of each ESR in range of 600 KI to 1200 KL.
19.	Part 1 Vol 1, Table 1, 19 of 186, Scope of work and service	As per CPEEHO manual, Pumps are designed for 15 years (intermediate peak flow). Please furnish average flow, peak flow for intermediate year for MPS.	Intermediate average flow may be considered as 25 MLD with peak factor of 2.25.
20.	Layout area	Please provide the size of the plot (L x W) available at the pumping station.	Plot size for pumping station may be considered as 50 M x 50 M.
21.	Drawing, L-section	Please provide Plan and profile of pumping main from MPS to STP.	Detail is available in drawing. Please refer the Part 1 Vol3 : Drawings.
22.	Drawing, Trunk Phase 1	Please provide the missing L-section trunk sewer for sheet 2 of 4.	Please refer Addendum-1 (Annexure : ' Drawings').
23.	Drawing, Comprehensive sewer KEY PLAN	Please confirm whether Pumping main from karmisar village Phase - I is under this project scope of work.	No, it is not in Phase-I.
24.	Main pumping station, 42 of 186, Main pumping station	We presume angle of inclination for mechanical screens ranges from 75 ⁰ -80 ⁰ . Please confirm.	It shall be as per CPHEEO manual guidelines of as per design of approved vendor to meet the requirement.
25.	Table -1/design component of pumps, S.no 11 ,12, 59 of 186, Capacity of STP and EPS	Please clarify the following <ul style="list-style-type: none"> • STP to be designed for 20MLD (keeping space provision to construct secondary treatment for additional 10.MLD in future) • Treated effluent pumping station and pumping main to be designed for 30MLD. 	Please refer Addendum-I (Part 1 Vol 1 : Section 6.1; clause 1.20.1 : S No 2 in Table; Page 59 of 185) <ul style="list-style-type: none"> • STP to be designed for 20MLD (keeping space provision to construct secondary treatment for additional 10.MLD in future)

Sl. no	Reference Section & Clause No.	Bidders Query	RUIDP Clarifications
		<ul style="list-style-type: none"> • Treated effluent pumps are designed for 25MLD. • As per details of proposed pumps of Effluent pumping station is 72 lps, 43 m head 6 nos, than if we consider 4W+2S pumps the total pump capacity arrives about 25 MLD • If STP capacity is 20 MLD, treated effluent pumps is designed for 25MLD. Please clarify. 	<ul style="list-style-type: none"> • Treated effluent pumping station and pumping main to be designed for 30MLD. • Treated effluent pumps are designed for 20MLD flow with 50% standby and provision for future extension to be provided for balance 10 MLD. • Proposed pumps of Effluent pumping station is 58lps, 43 m head 6 nos (4W+2S) with provision for future extension for balance 10 MLD flow. Head of pumps to be finalized as per design requirements. • Duty conditions given in table is indicative only and Contractor shall submit the detailed design as per verified site data with full justification, if there is any change in the above indicative values at the time of SIP approval.
26.	1, General	Kindly provide the threshold flow to the STP.	Query is not clear.
27.	1, General	<p>Tender is called for Power generation from STP. Since it is a small capacity STP Power generation will attract higher capital cost and complex operation. Normally newly constructed STP will not get the full flow immediately after the construction and cannot get 100% benefit out (payback) of the units installed. Considering the complexity, hazard, operation & maintenance, and capacity (low), we strongly feel that sludge digester with power generation will not be an economical option. This may be a good option for STPs of capacities more than 50 MLD with high organic loads. So kindly confirm the necessity of power generation from STP.</p>	<p>Please refer Addendum-I (Part 1 Vol 1 : section 6.1; clause 1.7: Table 1, Page 20 of 185). Power generation unit shall be provided with gas engines of suitable capacities for power generation for minimum flow of 10 MLD and thereafter for flow of 15 MLD and 20 MLD. Guarantee for minimum power generation for 10 MLD, 15 MLD & 20 MLD flow shall be 900 KWH, 1350 KWH & 1800 KWH per day respectively. For intermediate sewage flow, guaranteed minimum power generation shall be considered at lower side flow. Bidder shall make arrangement for flaring the gas for lesser flow.</p>
28.	1, 4-28, Schedule 7	Please provide the year at which various flows (2, 4, 8, 12, 16, 20 MLD) given in guaranteed power consumption are expected.	Bidder should make his own assessment, as it depends on the physical house sewer connections. IEC activities, sewer camps shall be organized for

Sl. no	Reference Section & Clause No.	Bidders Query	RUIDP Clarifications
			maximum house sewer connections.
29.	1, General	Please provide the site layout with all the dimensions and details of existing structure to be demolished (if any).	The Details are to be submitted by the contractor during final designs and cost estimates during approval in SIP period.
30.	1, 1.6.4, 18 of 186, General Principles	<i>“Existing all Civil, Pipelines, Mechanical & Electrical, Instrumentation, etc., equipment, structures, materials, etc., at the site shall be removed and transported at the location as per the instruction of the Employers representative. No extra cost will be paid for this work. Contractor shall include the cost for this work in his bid.”</i> Please provide the details of equipment, capacity, quantity and distance.	These details can only be preliminary assessed after survey/ underground utility survey by the contractor and/or received during execution. Such material shall be deposited at the stores of line agency department.
31.	1, 1.18, 52 of 186, Sewage treatment plant design requirement	Please provide the capacity of effluent storage reservoir/tank at ground level attached to chlorination tank.	Please refer Addendum-1 (Part 1 Vol 1 : section 6.1; clause 1.18.1, Page 54 of 185). Effluent storage reservoir Receiving reservoir/ tank at STP shall be provided with capacity as per mass balance for 30 MLD flow but with minimum storage capacity of half an hour average flow (30 MLD).
32.	1, 1.18.1, 53 of 186, Influent & Treated Effluent Wastewater Characteristics	Please provide the influent Oil & Grease concentration for calculation of scum quantity.	Bidder shall consider oil & grease concentration in influent as per CPHEEO guidelines; However, he may assess the requirement at his own.
33.	1, 1.22.6.2, 71 of 186, Grit Chambers & Parshall Flume	Hydraulic Retention Time given for vortex grit chamber is 3 min, which is very high. Please confirm that bidder shall decide the HRT as per his own design.	Please refer Addendum-1 (Part 1 Vol 1: Section 6.1, clause 1.22.6.2, Page 71 of 185) It shall be as per CPHEEO manual guidelines.
34.	1, 1.22.7.1, 76 of 186, SBR: Process Design	Liquid depth for SBR is given as 5.5 m (Maximum). Please confirm that bidder is free to decide the Liquid depth.	Please refer Addendum-1 (Part 1 Vol 1: Section 6.1, clause 1.22.7.1, Page 76 of 185) It shall be as per CPHEEO manual guidelines.

SI. no	Reference Section & Clause No.	Bidders Query	RUIDP Clarifications
35.	1, 1.22.7.1, 77 of 186, SBR: Process Design	Elevation above MSL = 200m (given). We assume that this is the finished ground level (FGL). Please confirm and provide the high flood level (HFL).	Please refer Addendum-1 (Part 1 Vol 1: Section 6.1, clause 1.22.7.1, Page 77 of 185) Elevation above MSL may be considered as 205 M. However, contractor has to carry out confirmatory survey and thereafter; FGL & HFL may be decided in consultation with Engineer.
36.	1, 1.22.7.3, 80 of 186, Return Activated Sludge (RAS) Pump Station and Pumps	The RAS Sump is not required for the SBR System. Please confirm.	Please refer Addendum-1(Part 1 Vol 1: Section 6.1; clause 1.22.7.3; Page 79 of 185). Clause 1.22.7.3 is modified.
37.	1, 1.22.7.5, 83 of 186, Treated Effluent Disposal	Please provide the water demand for the reuse purpose and provide the distance between STP and open discharge drain and high flood level (HFL) of the same.	Water demand for re-use purposes to be worked out by the contractor as per survey, study and design.
38.	1, 1.22.7.5, 83 of 186, Treated Effluent Disposal	Clause mentioned that, the treated effluent is to be discharged to the effluent storage reservoir/tank attached to the chlorination tank. We presume that the excess treated water after filling the ESR can directly discharge to the storage reservoir from STP outlet without the help of ESR overflow. Kindly confirm.	Treated effluent from tank at STP shall be pumped to ESRs for re-use in agriculture with excess flow outlet to discharge in drain/ open land surface (gochar land).
39.	1, Sludge Treatment	The Sludge treatment units (i.e. sludge sump, gravity thickener, thickened sludge sump, anaerobic sludge digester(s), digested sludge sump and sludge dewatering machines) to be designed (civil as well as electromechanical units) for 20 MLD flow or 30 MLD ultimate flow. Please confirm.	Please refer Addendum-1 (Part 1 Vol 1: Section 6.1; clause 1.22.6.4; Page 73 of 185) Primary settling tank and Sludge handling units to be designed for 20 MLD (Average flow) with peak factor of 2.25.
40.	1, 1.22.7.7, 83 of 186, Gravity Sludge Thickeners	“The Sludge Thickeners shall be operated to thicken the sludge from Primary and secondary Clarifier.” Since the treatment consists of SBR, the Excess Sludge from SBR shall be considered in place of sludge from secondary clarifier. Please confirm.	Confirmed. The Sludge Thickeners shall be operated to thicken the sludge from Primary and excess sludge from SBR

Sl. no	Reference Section & Clause No.	Bidders Query	RUIDP Clarifications
41.	1, 1.22.7.7, 84 of 186, Gravity Sludge Thickeners	The sludge loading rate for Gravity Thickener as per CPHEEO manual is considered as 30-50 kg/m ² -d for combined sludge (i.e. primary and secondary) instead of 60 kg/m ² -d. Please confirm.	Please refer Addendum-1 (Part 1 Vol 1: Section 6.1; clause 1.22.7.7; Page 82 of 185) Design sludge loading rate shall be as per CPHEEO guidelines.
42.	1, 1.22.7.9, 86,88 of 186, Anaerobic Sludge Digester(s)	Pg. No. 191, "Minimum 4 Nos. Anaerobic Sludge Digesters shall be provided for thickened primary and secondary waste activated sludge and scum from clarifier." Pg. No. 193, The quantity of Anaerobic sludge Digester(s) is mentioned as "2 Nos Working designed for Design flow." Please confirm that the bidder shall decide the quantity as per his own design.	Please refer Addendum-1 (Part 1 Vol 1: Section 6.1; clause 1.22.7.9; Page 84 of 185) Minimum 2 Nos. Anaerobic Sludge Digesters shall be provided for thickened primary and secondary waste activated sludge and scum from clarifier
43.	1, 1.22.14, 98 of 186, Sludge Dewatering Machine & Building	The quantity of Sludge Dewatering Machines, feed pumps as well as polymer dosing pumps is given as 4 Nos (3W + 1S). Please confirm that bidder shall decide the quantity as per his own design.	Please refer Addendum-1 (Part 1 Vol 1: Section 6.1; clause 1.22.14; Page 96 of 185) Sludge dewatering pumps - 3 Nos (2 Working +1 Standby) each designed for 50% of Design Flow. Polymer dosing pumps - Minimum 1 No pump for each dosing tank with 1 common pump as standby for both tanks
44.	1, 1.22.28, 112 of 186, Details of Operation & Maintenance scope of work	Please provide the distance between STP site and the sludge disposal site. Also provide the distance between STP site and treated effluent reuse site.	Location for disposable from STP may be disposed at land fill site, which is available adjacent to Gangashahar zone near Goga gate; However, the location shall be finally decided in consultation with local body.
45.	Vol-1 & Vol-2, 1.21.1,1.21.2, 60 of 186, 174, 11/0.433 , Dyn11, ONAN transformers	Clause mentioned that The 11 kV switchboard shall feed two nos. of 11/0.433 kV transformers with on -load tap changer (OLTC), which in turn to feed the 0.433 kV indoor switchboard We understood that the type of tap changer for Transformer shall be OCTC(Off circuit tap changer),tap range +/- 10% and 2.5% steps	Off Circuit Tap Changer (OCTP) shall be provided in transformer as per point no 2 of clause no 1.21.1 on page 60 of 186

Sl. no	Reference Section & Clause No.	Bidders Query	RUIDP Clarifications
	with OCTC	Please confirm the same.	
46.	Vol-2, 6.9.39.8 6.2.2, 228 &196, Battery & Battery charger requirement	Please clarify the requirement of Battery & Battery charger. Auxiliary power source for tip coil, closing coil & spring charge motor is self-powered mentioned (i.e. 110V / 24V DC inbuilt power pack). Kindly confirm	Confirm as per clause no 6.9.16 of section 6.2.2 on page no 198 of Vol-2
47.	Vol-1& Vol-2, 1.17.1, 41 of 186, 227 DG Set Installation	As per mentioned clauses "Superstructure shall be provided for Transformer, electrical switchgears, Contractor and DG room". " DG Set with acoustic enclosure shall preferably be installed outside the building" We understood that transformer installation method outdoor plinth mounted, electrical switchgear shall be installed in MCC room & DG installed with foundation at outdoor. Hence room for DG set is not considered. Please confirm the same.	DG set shall be installed in open area as per CPCB norms
48.	Vol-1, 1.22.7.5, 41 of 186, ESR Electrical power requirement	As per the mentioned clause "ESRs for suitable capacity and staging as per mass balance and distribution system (uPVC) shall be designed for 20 MLD". Please clarify the electrical power supply requirements of elevated service reservoir since location is not mentioned any of layouts. Whether ESR's loads power supply will be directly from electricity board (JVVNL) / (RVPNL) or tapping from the STP. Kindly confirm.	Power supply is not required at ESRs. Treated effluent shall be pumped from Effluent pumping station at STP. Power requirement for Effluent pumping station shall be met at STP campus.


SI. no	Reference Section & Clause No.	Bidders Query	RUIDP Clarifications
49.	Vol-1& Vol-2, 1.18.(W)point 6.9.48, 52 of 186, 250 DG Sizing	<p>As per the mentioned clauses “DG set will be designed for critical loads as decided during approval of process. Each load center shall be provided with a DG Set as a standby power backup for 100% load”</p> <p>We presumed that capacity sizing of diesel generator for emergency backup to cater critical loads only & Not sized for 100% plant running load.</p> <p>Kindly confirm above our understanding is correct.</p>	<p>Please refer Addendum-1 (Part 1 Vol 1: Section 6.1, clause no 1.18, page no 52 of 185) DG set shall be provided as a standby power back up for 100% power load May also refer clause no 6.9.48 of page no 250 of Part 1 Vol 2.</p>
50.	Vol-1, 1.25.2, 143 of 186, Transformers for STP and MPS	<p>As per the mentioned clauses “The transformers for STP and MPS are given separately”.</p> <p>We understood that independent transformer has to be considered for STP & MPS. Kindly confirm</p>	<p>Yes. Separate transformers have to be considered for STP & MPS.</p>
51.	Vol-1, 1.25.2, 143 of 186, Size of transformer	<p>As per the mentioned clauses The transformers for STP and MPS rating are given as 1000 KVA – 2nos for STP 630 KVA -2nos for MPS Please clarify that, a rating of the transformers given in the respective clause is minimum requirement & bidder shall design the adequate rating as per the requirement of the estimated plant load.</p>	<p>The ratings given are indicative only and bidder to decide adequate rating as per the plant process and approval has to be taken prior to procurement during execution.</p>
52.	Vol-1, 1.22.33.2, 115 of 186, size of the MCC room	<p>As per the mentioned clause “However the minimum size of the MCC room shall be Length – 25m x Width – 15m”</p> <p>Please clarify that whether dimensions given in the respective clause are minimum requirement or bidder shall design as per the requirement of the plant.</p>	<p>Please refer Addendum-1 (Part 1 Vol 1: Section 6.1; clause 1.22.33.2; Page 114 of 185) The size of MCC room shall be as per contractor design to accommodate Panel as per prevailing regulation of electrical authority</p>
53.	Vol-1, 1.22.33.2, 115 of 186, Size of Substation & Transformer	<p>As per the mentioned clause “The size of Substation & Transformer yard shall be as per contractor design to accommodate equipment as per prevailing regulation of electrical authority. However the minimum size Substation & Transformer”</p> <p>We understood that spec. continuation is missing, for substation &</p>	<p>The Sub Station design shall be done as per IER 1956 and rules and regulations laid down by DISCOMS.</p>

Sl. no	Reference Section & Clause No.	Bidders Query	RUIDP Clarifications
		Transformer yard shall be designed as per the bidder estimation of plant equipment arrangement. Please confirm.	
54.	Vol-2, 6.9.36.6, 216, Soft starter/VFD starters as Inbuilt/ standalone classification	We presumed that Upto 90 KW bidder shall consider inbuilt soft starter/VFD in LT panel and above 90 KW bidder shall consider standalone panel for the soft starter/ VFD panel. Please confirm	Confirmed.
55.	Vol-1, Vol-2, 1.25.31.25.4, 143 of 186, 144 of 186, 174, 11kV connection	As per the mentioned clauses "A new tripping-less reliable 11kV connection shall be taken for proposed STP & EPS. The 11 kV switchboard shall feed two nos. of 11/0.433 kV transformers with on-load tap changer (OLTC), which in turn to feed the 0.433 kV indoor switchboard" We understood that bidder shall consider incoming HT VCB panel wherever applicable as per IE 1956 rules. Please confirm the above.	Confirmed.
56.	Part 1 Vol 1, 1.17.1, 42 of 186, Pump delivery sluice valves – Manual or Electrically actuated	In the referred clause, the pump delivery sluice valves are mentioned to be manually operated as these are to be opened and closed when pump is started and stopped. Kindly clarify the same.	Yes.
57.	Part 1 Vol 1, 1.17.8, 47 of 186, Pump Control System	Kindly elaborate on the Pump Control System. Kindly address if a local control panel with microprocessor are to be considered in the pumping station.	Please refer Part 1 Vol 1: clause 1.26.2 of section 6.1: Employers requirements, wherein a dual redundant PLC based control system has been envisaged.
58.	Part 1 Vol 1, 1.28.10, 152 of 186 , CCTV	The referred clause, states controlling of all cameras by the authorized users present in the LAN. Kindly specify the controlling aspects that have to be considered.	Please refer clause 7.8.5, Part 1 Vol 2 for detailed specifications.

Sl. no	Reference Section & Clause No.	Bidders Query	RUIDP Clarifications
59.	Part 1 Vol 1 / Part 1 Vol 2, 1.22.21 / 7.2, 102 of 186, Level of Automation	As per referred clause of Part1 Volume 1 tender document, automation of the system shall be considered to be semi-automatic. But as per Part1 Volume 2 referred clause, fully automatic operation shall be considered. Both specifications are contradictory. Kindly clarify which clause to be followed.	The automation system shall be fully automatic in accordance with the clause 7.2 of Part 1 Vol 2.
60.	Part 1 Vol 2, 7.2, 251, Main Control Centre (In the referred clause the location of the MCC is given as City campus pumping station. Kindly clarify.	The Location of MCC shall be at STP. Further, city campus as mentioned in referred clause etc shall be read as STP campus.
61.	Part 1 Vol 2, 7.6.1, 292, Parameters	The referred clause states that the all-digital and analog parameters of the WTP should be programmed and available for trending. Kindly clarify the scope of WTP in the tender.	WTP is not in the scope of tender. WTP shall be read as STP. All Digital and analog parameters of STP should be programmed and available for trending.
62.	Part 1 Vol 2, 7.8.6 Sr.No. 11, 355, FDS	The referred clause asks for FDS for RWPS, CWPS, WTP and Water supply system. Please clarify.	WTP shall be read as STP and RWPS, CWPS shall be read as SPS. FDS for STP and SPS as per specifications shall be furnished.
63.	Part 1 Vol 1, 1.17.1, 42 of 186, Pump delivery sluice valves – Manual or Electrically actuated	In the referred clause, the pump delivery sluice valves are mentioned to be manually operated as these are to be opened and closed when pump is started and stopped. Kindly clarify the same.	Query is same repeated at S No 56 and replied.
64.	Part 1 Vol 1, 1.17.8, 47 of 186, Pump Control System	Kindly elaborate on the Pump Control System. Kindly address if a local control panel with microprocessor are to be considered in the pumping station.	Query is same repeated at S No 57 and replied.
65.	Part 1 Vol 1, 1.28.10, 152 of 186, CCTV	The referred clause, states controlling of all cameras by the authorized users present in the LAN. Kindly specify the controlling aspects that have to be considered.	Query is same repeated at S No 58 and replied.
66.	Part 1 Vol 1 / Part 1	As per referred clause of Part1 Volume 1 tender document,	Query is same repeated at S No 59 and replied.

Sl. no	Reference Section & Clause No.	Bidders Query	RUIDP Clarifications
	Vol 2, 1.22.21 / 7.2, 102 of 186 / 251, Level of Automation	automation of the system shall be considered to be semi-automatic. But as per Part1 Volume 2 referred clause, fully automatic operation shall be considered. Both specifications are contradictory. Kindly clarify which clause to be followed.	
67.	Part 1 Vol 2, 7.2, 251, Main Control Centre (MCC)	In the referred clause the location of the MCC is given as City campus pumping station. Kindly clarify.	Query is same repeated at S No 60 and replied.
68.	Part 1 Vol 2, 7.6.1, 292, Parameters	The referred clause states that the all-digital and analog parameters of the WTP should be programmed and available for trending. Kindly clarify the scope of WTP in the tender.	Query is same repeated at S No 61 and replied.
69.	Part 1 Vol 2, 7.8.6 Sr. No. 11, 355, FDS	The referred clause asks for FDS for RWPS, CWPS, WTP and Water supply system. Please clarify.	Query is same repeated at S No 62 and replied.

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Addl Project Director
RUIDP, Jaipur