JAIPUR DEVELOPMENT AUTHORITY, JAIPUR

MINUTES OF PRE-BID MEETING

Name of Work :- **Engineering, Procuring, Construction & Commissioning (EPC) and Performance run followed by O&M of Sewerage Treatment Plant of 40 MLD capacity based on Sequential Batch Reactor SBR Technology near Chandlai Lake for Bambala area, Sanganer Sewerage work under EE (PHE-I), JDA, Jaipur**

1. **NIB for the work was issued on 14.11.2025 with pre-bid meeting to be held on 26.11.2025 at 3:00 PM in Manthan Hall of JDA with date of received of tender as 23.12.2025. Bidsare to be uploaded on website (eproc-SPP Portal)by 17.12.2025. The start date of sell of bid document was from 17.11.2025 and date of opening of tender as 23.12.2025 at 3:00 PM. Notice invitation to attend pre-bid meeting scheduled for 26.11.2025 was issued on 25.11.2025.**
2. **Prebid meeting was held on 26.11.2025 in Manthan Hall of JDA under Chairmanship of DE-I which was attended by prospective bidder and respective JDA officer (as annexure enclosed).**
3. **With the permission of chair, the pre-bid meeting was started with the welcome note by EE (PHE-I), briefing about the project, scope of work and status of land etc. The technical parameter and other parameter of the work were also appraised to the prospective bidders.**
4. **There after pre-bid queries were started to be made by the participants representatives. The queries made and decision so given are as follows which will become part of bid documents.**

Signature valid
Digitally signed by Dilip Lamba
Designation: Executive Engineer
Date: 2025.12.03 19:14:59 IST
Reason: Approved

Que. No	RFP Clause Reference	Page No	As appearing in the Original Published RFP	Clarification sought by the prospective bidder	JDA, Jaipur Response
1	Tender Document/ Page-210/CL.2.14		Trial Run Period	As per refer tender clause "Trial Run & Commissioning Period: 03 months" We understand that trial run period of 3 month is not included in the Construction Period of 24 Months. Please confirm.	**No Change,** please refer bid document.
2	Tender Document/ Page-210/CL.2.14		Construction Period	As per refer tender clause "Construction Period mentioned as 24Months {including Monsoon)" Since this is a large-scale project which involves lot of construction works which includes STP Structures, Rising Main etc... we request to increase the construction period from 24 month to 30 months. Please accept and confirm.	**No Change,** please refer bid document.
3	Tender Document/ Page-12/CL.33		Price Escalation in Construction Period and O&M Period	As per refer tender clause "33. Price Escalation: Clause of agreement no. 45& 45A for Price Escalation variation is not applicable/ payable so deleted" Since this is a large-scale project which involves lots of construction works which includes STP Structures, STP Equipment's, Treated Water Pipeline such as RCC/DI/MS Pipelines etc… and Labour, Steel, Cement etc... Looking into the volume of work involves and 11 years O&M period we are requesting client to allow the Price Escalation clause in Construction Period as well as in O&M Period. Please confirm.	**No Change,** please refer bid document.
4	Tender Layout/P-636		Diversion of Nallah inside the STP Premises	As per Tender Layout we observed that Nallah is flowing inside the proposed STP plot area. Please note that Diversion of Nallah within the Proposed STP premises if any will not in Bidder's scope. If any works to be carried out by Bidders to divert the Nallah after award of contract will be [illegible] client. Please confirm.	**EPC Contract. No Change,** please refer bid document.

5	Tender Layout/P-636		Permission for Obstruction of Nallah inside the STP Premises	As per Tender Layout we observed that Nallah is flowing inside the proposed STP plot area. Please note that Obstruction of Nallah within the Proposed STP premises may not be allowed by the Local Authority. Client to provide permission from the Local Authority for obstruction any Nallah within the Proposed STP premises for construction of Proposed STP plant. Please confirm.	**No Change,** please refer bid document.
6	Tender Document/General		Obtaining Clearance from Authorities	We understand that all necessary permissions from Government Authorities is in Employer Scope for faster execution of project and any delay of these activities will not be in the default of contractor. Please confirm.	**No Change,** please refer bid document.
7	Tender Document/General		Hindrance Free STP Sites	We understand that employer to provide hindrance free following STP sites to contractor to avoid delay in execution period. Please confirm.	**Yes,** please refer bid document.
8	Tender Document/ Page-162		Tubewell Capacity & Depth of Tubewell	As per tender clause "Tube well- 2 Nos each of 200 mm dia with suitable submersible motor pumps & water distribution network " Please confirm the tubewell capacity and depth of tubewell to be considered.	As per site condition, please refer bid document.
9	Tender Document/General		Power Charges/Diesel Consumption	We understand that power charges and diesel consumption during trial run period will not be in Bidder's scope. Please confirm.	**No Change,** please refer bid document.
10	Tender Document/ Page-161,194		Treated Water Disposal Location	As per refer tender clause "Disposal of treated sewage into nearby channel/ Nallah leading to waterbody". Please confirm the exact location of Disposal of treated sewage into nearby channel/ Nallah leading to waterbody. Also provide GPS coordinates or KML file of treated water disposal location point.	GPS coordinates or KML file will be provided to successful bidder.
11	Tender Document/ Page-194		Location and Length for Disposal of sludge, disposal of screenings	As per refer tender clause "The screenings, dried sludge from the Sludge [illegible] shall be disposed off by the	Shall be identify & intimate to successful bidder during O&M of STP Plant.

				Contractor to a suitable location, which is away from the residential area. Contractor shall strictly note that sludge shall be safely disposed off to disposal site in vehicle having provision of suitable coverings. However, the Contractor shall be responsible for disposal of Plant Residuals within 10 km from Site". Please confirm the exact location of The screenings/debris/dried sludge from the Sludge Handling Unit to prepare the costing on actual basis.	
12	Tender Document/ Page-161		Remaining Treated Water Disposal Quantity	As per refer tender clause "The work of outfall treated water line of 1600mm dia& approx. 1500mtr length from the STP to the channel/ Nallah leading to water body shall be in the scope of contractor". We understand that the remaining quantity of treated water except filling OHT capacity of 50 m3/hr will be disposed to nearby channel/ Nallah. Please confirm.	**No Change,** please refer bid document.
13	Tender Document/ Page-186		Pumping Hours Treated Water Pump	As per refer tender clause "Pumps: Capacity of Pumps- 50 m3/hr @ Suitable Head {1 working + 1 standby)". Please confirm Pumping Hours Treated Water Pump.	**As per requirement to fill OHSR.**
14	Tender Document, Page No 538/700		Diesel for DG Set	Refer to the clause: *"The cost of diesel will be borne by the agency itself."* We understand that the cost of diesel will be borne by the bidder during the O&M period of 1+10 year and the 3-month trial run. We kindly request you to provide details on the daily frequency of power cuts, so that we can accurately estimate the annual operation of the DG set.	**Yes,** please refer bid document.
15	General		Motor Starter / Feeder	No selection criteria for starters have been provided in the tender documents. Please confirm whether the bidder may adopt the following selection criteria	**Being EPC contract, selection to be done as per design and tender documents guidelines.**

				for Motor starters/ motor Feeder. • Up to 5.5 kW – DOL • 7.5 kW to 45 kW – Star-Delta • Above 45 kW – Soft Starter • VFD – As per process requirement Kindly confirm	
16	TD (Cl-5.10, Pg-193)		Boundary Wall with 01 no. of Gate.	As per refer tender clause "Boundary Wall shall be constructed in stone masonry (R.R) pointing all around the STP plot. Boundary Wall having architectural and elegant view shall be provided along entire periphery of the Plot. Height of boundary wall should not be less than 2.00 m from finished ground level& top of wall barbed wire fencing (GI wire gauge 18)." We are requesting client to Provide Boundary wall and Main Gate Drawing with proper specifications for Tender Purpose. Please confirm.	EPC Contract, to be submitted by successful bidder for approval by JDA.
17	TD (Cl-5.8, Pg-193)		Roads, Pathways & Vehicular Parking Area	As per refer tender clause " AllinternalRoadsshallbeprovidedwithDrainagean dconstructedtopreventstandingwater.AllRoadssha llbe minimum 5.5 m wide of bitumen with RCC kerb stone & drain on both side of 350 mm minimum 5.5 m wide of bitumen with RCC kerb stone & drain on both side of 350 mm with manhole at suitableintervals." We are requesting client to Provide Approach Road and Pathways with kerb& Drain at STP site cross section Drawings and details for Tender Purpose. Please confirm.	EPC Contract, to be submitted by successful bidder for approval by JDA.
18	**VOLUME – II SCOPE OF WORK & TECHNICAL SPECIFICATIONS**,	181 of 700	Control panel for air blower shall be separate from blower assembly and be placed in separate air-conditioned room.	The tender requires that the air blower control panel be installed in a separate air-conditioned room. However, due to advancements in blower and VFD technology, this is no longer necessary. Modern	**No Change,** please refer bid document.

	2.4 Aeration System			VFDs are engineered to operate reliably under normal ambient conditions without air conditioning. Kindly confirm.	
19	**6. Approved MAKES** Annexure "M" :Elet-romechanical& In-strumentation Work Schedule- IV	622 of 700 624 of 700	12 | Blow ers | KeyInternat ioa, Swam, | Everest 4 9. | Air Blowers | Kay / Everest / Swam / BETA	The listed approved makes appear to cover only Positive Displacement or Rotary Blowers. Kindly include approved makes for Centrifugal Turbo Blowers as well.	**No Change,** please refer bid document.
20	**VOLUME – II SCOPE OF WORK & TECHNICAL SPECIFICATIONS, 2.4 Aeration System**	181 of 700	Air Bearings shall be non-contact type, bump type foil air bearings with oil free lubrication, low noise and no vibration.	We understand that the Air Foil Bearings should be of bi-rotational type. This feature must be verified during the inspection of the Turbo Blowers, and approval will not be granted if this requirement is not met	**No Change,** please refer bid document.
21	8. DRAWINGS	635 and 636 of 700	**Plant layout**	As per the proposed STP layout, the available land is indicated as 40,000 square meters, whereas the land allotment mentioned on page 636 is 12,400 square meters. Kindly confirm the actual total land available along with its dimensions for the STP.	Land is available 40,000 Sqm & the successful bidder has to construct peripheral boundary to save guard the premises. Inside the premise, the land measuring 12,400 will made available to successful bidder which has been identify & enclosed with bid document.
22	**VOLUME – II SCOPE OF WORK & TECHNICAL SPECIFICATIONS** 6.0 interconnecting Piping and Valves Piping: Guide Line for Velocity	195 of 700	3 | Air (Pressurized Lines) 18-22 | Max. Velocity shall not be more than 2.5 m/sec in any section.	We assume that the maximum air velocity at any point shall not exceed 22 m/sec. Kindly confirm.	EPC contract has to be design by successful bidder as per site condition.

23	**POWER GUARANTEE SCHEDULE - V** **FUNCTIONAL GUARANTEE** 2.2 Electrical Energy Usage	630 of 700	<table><tr><td>Power requirement of Raw Sewage Pumping Station & STP of 40 MLD Capacity</td><td>Equal to or less then 14000 KWH/per day for upto 600 BOD for 40 MLD flow</td></tr></table>	It seems that given fixed electricity consumption is significantly low for 40 MLD Capacity Raw Sewage Pumping Station & STP with 600 mg/l BOD considering such high inlet. The minimum power requirement for above capacity and parameter should be approximately 18500 KWH Day. Hence, we request you to kindly allow bidder to provide power consumption as per process requirement without penalty. Kindly Confirm.	**No Change,** please refer bid document.
24	Section-II, 8. DRAWINGS	634 of 700	**1. PROCESS FLOW DIAGRAM** **2. PLANT LAYOUT** **3. HYDRAULIC FLOW DIAGRAM**	Kindly provide the Hydraulic Flow Diagram, as it is missing from the tender document. Additionally, please share the AutoCAD drawing or file of the site layout to facilitate drawing preparation.	**The bidder may obtain autocadd drawing from EE (PHE-I) office.**
25	**Volume-II Scope of Work & Technical Specifications, Raw Sewage Pumping Station**	172 of 700	No. of Pumps for present Flow : 1250 m3/hr with Suitable Head (2 working + 2Standby) : 625 m3/hr with Suitable Head (1 working + 1 Standby)	The current pump capacity configuration appears insufficient to manage the peak flow of 90 MLD. Therefore, we kindly request your approval for the bidder to propose pump configuration and capacity in accordance with the CPHEEO manual, ensuring it accommodates peak, average, and lean flows. This would include pumps rated at 1700 m^3/hr with appropriate head (2 operational + 2 standby) and 850 m^3/hr with appropriate head (1 operational + 1 standby). Please confirm.	**No Change,** please refer bid document.
26	**POWER GUARANTEE SCHEDULE - VI** **FORMAT FOR ELECTRICAL LOAD LIST & GUARANTEED**	632 of 700	Bidders are requested to fill the above power guarantee schedule. Power guarantee formats in schedules- VI must be filled carefully. No alternate source like DG Set, Solar etc. or power supplies other than JVVNL shall be entertained for the calculation of guaranteed power requirement.	We understand that bidders are not permitted to consider any power benefits from Solar, DG sets, or other power generation schemes. Kindly confir	**No Change,** please refer bid document.

	POWER CONSUMPTION				
27	**SPECIAL CONDITION OF THE CONTRACT FOR PRE QUALIFICATION OF CONTRACTORS** **Qualification Criteria:**	**Page No.: 31**	The bidder must have completed following STPs work based on SBR technology in last Seven financial year. However, the bidder may opt. current year in the said financial assessment period. (i) At least one similar completed work of minimum 32 MLD capacity STP.	In Qualification criteria, We request you to consider the *at least* ***one similar ongoing work with substantial completion of minimum 30 MLD capacity STP work*** *based on SBR technology.*	**No Change,** please refer bid document.
28	**SPECIAL CONDITIONS**	**Page No. 12**	36. Power consumption parameter has been fixed by the JDA for the design parameter of STP for various limit of inflow at inlet of STP. The payment of power consumption upto the mentioned limit shall be borne by JDA. In case of excess power consumption over the above limit, the successful bidder will be responsible for extra payment and will be recovered from the bidder @ 2 times of prevailing power rates for extra consumption.	We understand that the mentioned Power consumption parameter for various limit of inflow at inlet of STP (in POWER GUARANTEE SCHEDULE -VII) are just indicative and will act as benchmark, but the Guaranteed power consumption will be considered to the values filled by Bidder as per format in in POWER GUARANTEE SCHEDULE – VI & VII. And, JDA will be responsible to pay the electricity bill as per the given Power guaranteed statement by Bidder. In case of excess power consumption over the Bidder Power Guaranteed statement, the successful bidder will be responsible for extra payment and will be recovered from the bidder @ 2 times of prevailing power rates for extra consumption. We request you to consider the matter and clarify the same.	**No Change,** please refer bid document.
29	**POWER GUARANTEE SCHEDULE -V &**	**Page No. 630 to 632**	**POWER GUARANTEE SCHEDULE-IV** Power requirement of Raw Sewage Pumping Station & STP of 40 MLD	The mentioned value of Power requirement as F. [illegible] then 14000 KWH/per day for upto 60 [illegible] for 40 MLD flow, is one benchmark	**No Change,** please refer bid document.

<table>
<tr><td></td><td>VI</td><td></td><td>Capacity :
Equaltoorlessthen14000KWH/per dayforupto600BODfor40MLDflow

POWER GUARANTEE SCHEDULE -VI
Biddersarerequestedtofilltheabovepowerguaranteeschedule.</td><td>value, but bidders are not bound to values. Based on the equipment selection and efficiency of equipments, the guaranteed power consumption may vary and that is to be filled by Bidder in POWER GUARANTEE SCHEDULE – V & VI.

Please clarify and confirm.</td><td></td></tr>
<tr><td>30</td><td>POWER GUARANTEE SCHEDULE -VII</td><td>Page No. 633</td><td><table><tr><td>Incoming sewage flow
(Average flow per day in the month)</td><td>Guaranteed Power KwH/per MLD for 600 BOD</td></tr><tr><td>upto 10 MLD</td><td>375 KWH per MLD per day</td></tr><tr><td>More than 10 & upto 20 MLD</td><td>360 KWH per MLD per day</td></tr><tr><td>More than 20 & upto 30 MLD</td><td>355 MLD per MLD per day</td></tr><tr><td>More than 30 & upto 40 MLD</td><td>350 KWH per MLD per day</td></tr></table>
2. Excess power consumption in the month shall be recovered from the contractor @ two times of prevailing power rates.</td><td>We understand that the mentioned value of 350 kWh per MLD per day power consumption for More than 30MLD &upto 40MLD flow, is just indicative only.
All bidder has to fill up this table of POWER GUARANTEE SCHEDULE -VII, which is aligned with Overall power consumption statement mentioned in POWER GUARANTEE SCHEDULE -VI.
Moreover, the stated penalty of Excess power consumption shall be applicable to the data filled by the Bidder in POWER GUARANTEE SCHEDULE – VI & VII. It should not be applicable to fixed values mentioned in Tender, it is just indicative only.

We request you to please clarify and confirm.</td><td>No Change, please refer bid document.</td></tr>
<tr><td>31</td><td>1.16 EVALUATION AND COMPARISON OF BIDS</td><td>Page No. 62</td><td>1.16.5 The comparison of the bid values shall be based on THE EVALUATED PRICE OF THE BIDDER. The evaluated price shall include Capital Cost (includes 3 months trial run followed by 1 year O&M) + 10 years O&M Cost + (1+10) years Electricity Cost</td><td>As the Electricity cost for 11 years is considered in Price Bid evaluation criteria, kindly share the Escalation factor of Electricity power for Year-on-Year basis with the Base rate of Electricity@Rs.10.0/KWH.</td><td>No change, prevailing rates will be applicable as fixed by JVVNL during O&M period.</td></tr>
<tr><td>32</td><td>Disposal Pipeline route</td><td></td><td></td><td>Kindly provide details regarding the route of the final treated water disposal pipeline and final disposal point location with Lat-long.</td><td>EPC contract will be finalized during execution.</td></tr>
<tr><td>33</td><td>Regarding ROU for</td><td></td><td></td><td>We understand that the Client has obtained all</td><td>RoUs will be provided to successful</td></tr>
</table>

	disposal pipeline			necessary Rights of Use (RoUs) for the STP pipeline laying work outside the STP premises. Kindly confirm.	bidder.
34	**Gravity Main line to Pumping station**			Share the following details for gravity main line for each pumping station for competitive bidding; - MOC of Pipeline Size of Pipeline	EPC contract, it is within bidder scope of work.
35	**(A) SCOPE OF WORK: Design, construction, supply, installation, testing & commissioning**	**Pg. No. - 162**	Installation of DG Set and its O&M including diesel cost: Each load center shall be provided with a silent DG Set as a standby power backup for 100% load. DG sets up to 1000 KVA capacity are required to be supplied with acoustic enclosure as per CPCB norms. Cost of diesel will be borne by agency itself.	As there is uncertainty of Power-cut, We request to keep the cost of diesel during O&M in client scope.	**No Change,** please refer bid document.
36	**Clause 37: Refund of Performance Guarantee and Security Deposit point no.(g)**	**Page No. 92**	**(ii)** SD for O&M period shall be deducted as 10% per running bill from running bills and shall be refunded after completion of O&M period of 10 years	Due to very less margin in O & M, will increase working capital requirement and interest on operation working capital, We request that SD for O&M period shall be refunded on 13th month after completion of every 12 months (a year) O&M. Kindly consider the matter.	**No Change,** please refer bid document.
37	**Billing Schedule for EPC & O&M**			Kindly provide clarity on RA bill submission frequency, processing time, and payment timelines for both EPC and 10-year O&M phases.	**No Change,** please refer bid document.
38	**TDS and GST-TDS Deductions**			Please confirm whether Income Tax TDS (u/s 194C) and GST TDS (u/s 51) will be deducted on EPC and O&M invoices.	Yes, as per terms & condition of bid document.
39	**Reverse Charge Liability**			Kindly confirm if RCM liability on manpower, freight, or legal services during O&M will be reimbursed or absorbed by contractor.	As per GST Act; contractor responsibility unless specified.
40	**GST on LD and BG Forfeiture**			Will GST be applicable on liquidated damages or forfeited performance security? Will JDA raise invoice in such cases?	Applicable as per GST rules.
41	**HSN/SAC Classification**			Clarify applicable HSN/SAC codes for EPC and O&M as per the contract and confirm GST rates for [illegible]	Applicable as per GST rules.

42	**Termination & Risk Clause**			Define termination triggers clearly. Will compensation be paid to contractor if terminated without cause?	**No Change,** please refer bid document.
43	**Force Majeure Protocol**			Please confirm whether Extension of Time (EOT) and cost impact will be allowed in case of delay due to force majeure or authority approvals.	**No Change,** please refer bid document.
44	**Dispute Resolution Mechanism**			Specify applicable dispute resolution act (Arbitration & Conciliation Act, 1996), arbitration seat, and procedure.	**No Change,** please refer bid document.
45	**Bid Security Deposit**	**Page No. 4**	If a joint venture is allowed in the Bid then 2% (Rs 1,79,42,280.00) in form of BG shall be deposited by bidders (Submitted BG in JV firm name) If any one of the partners of JV wish to deposit 2% earnest money (bid Security) than it shall be deposited in the form of online method as per bid document.	Kindly allow Lead Member of JV to deposit 2% earnest money (Bid Security) Deposit in form of Bank Guarantee.	**No Change,** please refer bid document.
46	**1.0 (A) SCOPE OF WORK: Design, construction, supply, installation, testing & commissioning**	**Page No. 168**	**2.3.2 Raw Sewage Quality:** 2 Biochemical Oxygen Demand (BOD5): 600 mg/l 3 Chemical Oxygen Demand (COD): 1100 mg/l 4 Total Suspended Solids (TSS): 600 mg/l 6 Total Kjeldahl Nitrogen (TKN): 70 mg/l	Considering the Raw sewage Quality parameters and as per the CPHEEO guideline, the mentioned parameters are almost double. Kindly confirm that the effluent is free from any Industrial effluent blending in Raw sewage. In addition we request to consider the Raw sewage Quality parameters as per the CPHEEO guideline.	**No Change,** please refer bid document.
47	**1.0 (A) SCOPE OF WORK: Design, construction, supply, installation, testing & commissioning**	**Page No. 170**	**Coarse screens** Number of Units : 2 Mechanical (Working) + 1 Mechanical (Standby) each of 50% Peak Flow capacity	The mentioned Nos. of Coarse screen are deviating from the shared P&ID. Kindly confirm the Nos. of Coarse screen Working & Standby.	**No Change,** please refer bid document.
48	**1.0 (A) SCOPE OF WORK: Design, construction, supply, installation, testing & commissioning**	**Page No. 172**	**Raw Sewage Pumping Station** Raw sewage Pump Flow :1250 m3/hr with Suitable Head (2 working + 2Standby) :625 m3/hr with Suitable Head (1 working + 1 Standby)	Considering the Peak flow of 90 MLD, Nos. of pumps w.r.t. Flowrate are not matching. There should be 625 m3/hr pumps as 2 working + 1 stand by to match 90 MLD peak flow. Kindly confirm the pump flow rate and Nos. mentioned in	**No Change,** please refer bid document.

				P&ID is not matching with the Page Nos. 172 details. Kindly clarify the flow rate and Nos. of pumps (working + stand by) for Pumping station.	
49	**1.0 (A) SCOPE OF WORK: Design, construction, supply, installation, testing & commissioning**	**Page No. 175**	**Fine screens** Number of Units : 2 Mechanical (Working) + 1 Mechanical (Standby) each of 50% Peak Flow capacity	The mentioned Nos. of Fine screens are deviating from the shared P&ID, whether to consider all screens as Mechanical or 2 Mechanical & 1 manual ? Kindly confirm the Nos. of Fine screen Working & Standby.	**No Change,** please refer bid document.
50	**1.0 (A) SCOPE OF WORK: Design, construction, supply, installation, testing & commissioning**	**Page No. 188**	Mechanical Dewatering of the sludge is contemplated after sludge thickening. Belt Filter Press or Volute Press machine has to be provided for Mechanical Sludge Dewatering.	Kindly allow the mechanical sludge dewatering without sludge thickening or as per the process requirement.	**No Change,** please refer bid document.
51	**1.0 (A) SCOPE OF WORK: Design, construction, supply, installation, testing & commissioning**	**Page No. 180**	AirBlowershallbe Single Stage,DirectDrive,CE/ULcertified,CentrifugaltypeTurboBlowerconsistingofAir Bearings,Impeller,high−speedPMSMMotor,Inverter,ControllerandCoolingSystem.	We request you to allow the Tri-lobe / Helical Hybrid Air Blowers for Aeration system, considering the frequent ON-OFF condition with respect to DO level of effluent.	**No Change,** please refer bid document.
52	**SiteApproach**			Basedonthesitevisititisobservedthatsiteisvery difficult toapproach dueto non−availabilityof approachroad. Kindlyconfirmthattheclientwillfacilitatethe proper approach road before handing over the site.	The access to site is available but approach road is to be construct by successful bidder.
53	**Existing infrastructure available at the site**			Basedonthesitevisititisobservedthat some buildin-gand infrastructure exists on site. We understand thattheClient/JDAwillhand overthesite by demolishing the infrastructure. Kindlyconfi...	Site is clear available.
54	Tender document Section 2.3.3	168	Inlet parameters	The Inlet ... parameters mentioned in the tender BO... PPm	**No Change,** please refer bid document.

<table>
<tr><td></td><td></td><td></td><td></td><td>COD 1100 PPM
TSS: 600 PPM
TKN 70 PPM

Inlet water parameters as per CPHEEO shown in the table below

Table 5.4 Concentration of various parameters in the absence of drain or outfall
<table><tr><th>Item</th><th>Per capita contribution (g / c /d)</th><th>water supply (L / c / d)</th><th>Sewage Generation 80 % of (3)</th><th>Concen-tration (mg/L)</th></tr><tr><td>(1)</td><td>(2)</td><td>(3)</td><td>(4)</td><td>(5)</td></tr><tr><td>BOD</td><td>27.0</td><td>135</td><td>108</td><td>250.0</td></tr><tr><td>COD</td><td>45.9</td><td>135</td><td>108</td><td>425.0</td></tr><tr><td>TSS</td><td>40.5</td><td>135</td><td>108</td><td>375.0</td></tr><tr><td>VSS</td><td>28.4</td><td>135</td><td>108</td><td>262.5</td></tr><tr><td>Total Nitrogen</td><td>5.4</td><td>135</td><td>108</td><td>50.0</td></tr><tr><td>Organic Nitrogen</td><td>1.4</td><td>135</td><td>108</td><td>12.5</td></tr><tr><td>Ammonia Nitrogen</td><td>3.5</td><td>135</td><td>108</td><td>32.5</td></tr><tr><td>Nitrate Nitrogen</td><td>0.5</td><td>135</td><td>108</td><td>5.0</td></tr><tr><td>Total Phosphorus</td><td>0.8</td><td>135</td><td>108</td><td>7.1</td></tr><tr><td>Ortho Phosphorous</td><td>0.5</td><td>135</td><td>108</td><td>5.0</td></tr></table>Which indicate
BOD: 250 PPM
COD: 425 PPM
TSS: 375 PPM
TKN: 50 PPM

The inlet parameters mentioned in the tender are way higher than STD parameters. Please confirm for the same.</td><td></td></tr>
<tr><td>55</td><td>Tender document Section 2.3.4. 1.3</td><td>176</td><td>The surface loading rate for grit chamber</td><td>The surface loading rate for the grit chamber specified in the tender document (250 m³/m²/day) appears to be significantly lower than standard guidelines. As per CPHEEO recommendations, the appropriate surface loading rate for particles of the desired size (density 2.65 and 150 mesh) is approximately 959 m³/m²/day.</td><td>No Change, please refer bid document.</td></tr>
<tr><td>56</td><td>Tender document Section 2.3.4. 4.1</td><td>187</td><td>USE of COTDM for sludge dewatering</td><td>Modern solutions like centrifuge, screw press are available as ready made solutions for sludge dewatering.
Please specify the allowance of these equipment for more sludge dewatering purpose.</td><td>No Change, please refer bid document.</td></tr>
<tr><td>57</td><td>Tender document</td><td>187</td><td>Volume of the sludge sump</td><td>The Hydraulic Retention Time (HRT) for the</td><td>No Change, please refer bid document.</td></tr>
</table>

	Section 2.3.4. 4.1			sludge sump is mentioned as **12 hours minimum** in the tender document. Typically, a retention time of **around 4 hours at peak flow** is considered sufficient. Kindly allow for the same.	
58	Tender document		Technology for secondary treatment	Apart from the SBR (Sequencing Batch Reactor) process, are there any other approved technologies that can be considered for the execution of the Sewage Treatment Plant (STP)?	**No Change,** please refer bid document.
59	Tender document **Section** 1.16	61	Power generation evaluation in evaluation criteria.	**Query:** Is there any provision for incorporating solar power generation within the project scope? Additionally, can any technical or sustainability advantages be considered during the technical evaluation of the bid for including such a system?	**No Change,** please refer bid document.
60	Tender document **Section** 2.3.1	168	Design Basis – Ground Level (AGL) = 327.48 m Finish Ground Level = 328m HFL of nearby Nallah = 325	Kindly provide the detailed soil investigation report including bore log data & Topographical survey report of the proposed site for reference purpose, however this will be done by the successful bidder after post award	**No Change,** please refer bid document.
61	Tender document Section 2.3.1	168	Soil Bearing Capacity = 20 T/M2 @ 2m below NGL Ground Water Table – 35m below AGL	Kindly provide the detailed soil investigation report including bore log data & Topographical survey report of the proposed site for reference purpose; to confirm the nature of earth below AGL (Rocky/Sandy) however this will be done by the successful bidder after post award	**No Change,** please refer bid document.
62	Tender document	168	NGL & FGL	We consider that in the proposed area of construction, only micro grading is required for plot levelling. Kindly confirm.	Leveling & grading at the site condition within successful bidder scope of work.
63	Tender document **Section** 1.7.9	115	Right of way – approach road	Please share the dimensions of required approach road	As per site conditions.
64	Tender document	231	Design of Water retaining str. Shall be uncracked section as per IS : 3370	Kindly consider 0.2mm crack width for design of all liquid retaining structures	As per IS:3370 & tender.
65	Tender document	231	All water retaining str. Shall be constructed in S R Cement as per IS Specification	We consider S R Cement for all water / liquid retaining str. & OPC for ancillary str. Kindly confirm	**No Change,** please refer bid document.
66	Tender Document &	Page - 11	Taxes on quoted rates	A[illegible] Tender Documents Special Conditions S[illegible] Sr. No. 29	Quoted rate will be included of all taxes as applicable.

	BOQ_915590 Special Conditions Schedule-H Sr. No.-29			'Rates quoted are inclusive of all taxes' while as per BOQ 'Total amount without Taxes' Kindly confirm which will prevail.	
67	General		Location for Sludge Disposal	Please share the location of sludge disposal area during O&M	Shall be identified and intimate to successful bidder during O&M of STP plant.
68	Tender document Part -C Technical Specification for Electrical & Instrumentation –	473 of 700	Electrical Power Supply & 33 KV Switchboard- Clarification As per Tender- Electrical System- Each STP with 33 KV Power Sub Station shall be constructed and Single Power Source shall be feed to MPS & STP. 33 KV Switchboard- The 33 KV indoor Switchboard shall consist of 2 Incomer VCBs (with line VTs) , a Bus Coupler VCB and VTs on both the bus section along with 2 nos. outgoing VCB feeders. One VCB incomer with 2 outgoing VCB feeders along with one Bus Coupler as per requirements.	As per our understanding, the two clauses appear contradictory. Since the power supply is derived from a single source, we request clarification whether the 33 KV indoor switchboard should be configured with **1 incomer VCB and 2 outgoing VCB feeders for transformers**, instead of the arrangement mentioned in the specification. Please clarify.	Being EPC contract the power supply component has to be submitted by successful bidder for approval by JDA.
69	Tender document Part -C Technical Specification for Electrical & Instrumentation –	473 & 474	Tap Changer for Transformer On Load (OLTC) / Off Load (OCTC)	As per the tender specification and data sheet both tap changing method for Power/ Distribution transformer (On Load / off Load) have been mentioned, please clarify the tap changing method for transformer. (OCTC or OLTC)	**No Change,** please refer bid document.
70	Tender document Part -C Technical Specification for Electrical & Instrumentation –	515	Bus Bar- LV Switchboard- Copper or Aluminum-	Aluminum and Copper both type of material for bus bar have been mentioned in the tender documents, however We understand that Aluminum bus bar shall be used for LV Switchboard as per the tender requirements. kindly confirm.	**No Change,** please refer bid document.
71	Tender document		General	Kindly arrange to provide Single Line Diagram / Power distribution philosophy for better understanding of the plant.	Already attached with bid document.

72	Tender document	583	Clarification on the number of channels in PLC	Kindly clarify the number of channels to be considered in PLC for DI/DO/AI/AO. i.e. 4,8,16,32,64 etc.	EPC contract, to be done by successful bidder & get approval from JDA.
73	Tender document	583	IO Schedule	Kindly arrange to provide IO schedule for different electromechanical equipment i.e. Pump/Motor/Valve/VFD/HT/LT Breaker etc. Or confirm that bidder is free to design the PLC System and IO's as per the process requirements for smooth operation of the plant.	EPC contract, to be done by successful bidder & get approval from JDA.
74	Tender document	583	Regarding Third Party	Is third-party communication required to monitor plant data from outside of the plant premises?	Yes, as per bid document.
75	Tender document	583	Drawings	Kindly arrange to provide SCADA architecture of the plant for reference purpose.	EPC contract, to be done by successful bidder & get approval from JDA.
76	Tender document	583	Make list	We request your approval for vendors **Flow meter:** Vision World Tech PVT ltd,Eureka, BR instruments,Pride Controls**.** **Field instruments :** SBEM,RLT Solutions,Scientific & Analytical Instruments **Analyzer:**Toshcon, Horiba advanced techno	**No Change,** please refer bid document.
77	Tender document Scope Of Work	163	Shifting of Pipe Lines, Cables and Poles etc. if required.	Request you to kindly share details of underground utilities to enable us to prepare a competitive bid.	It is within successful bidders scope of work.
78	General		Spares (Pipe & Fittings)	Kindly mention if any mandatory spared to be considered for Pipe & Fittings	**No Change,** please refer bid document.
79	General		Spares (Pipe & Fittings)	Kindly mention if any mandatory spared to be considered for Pipe & Fittings	EPC contract, **No Change,** please refer bid document.
80	General		Approved Make	Kindly share the approved makes for MS flanges, Pipes & Fittings	EPC contract, **No Change,** please refer bid document.
81	Tender document Special condition of the contract for pre qualification of contractors - Documentations	33 & 38 of 700	As per page no. 33 – clause 3.(e) - Information regarding details of maximum value of civil engineering works executed during the last five years taking into account the completed as well as works in progress in schedule – IV As per page no. 38 – Format of schedule IV - Details of maximum value of civil works	The two statements for requirement of documents appears contradictory. Please clarify whether the value of civil engineering works to be considered during last five years as per page no. 33 or 7 anyone year during last seven years as per format given on page no. 38.	At page no. 34 it is Typographical error. It shall be read as -- Information regarding details of maximum value of civil engineering works executed in anyone year during last Seven years taking into account the completed as well as works in progress in schedule – IV

			executed in any one year during last seven years.		**At Pg no. 38- No change**
82	Tender document Special condition of the contract for pre qualification of contractors - Documentations –	34 & 38 of 700	As per page no. 34 – clause 3.(j) - Information regarding technical staff to be furnished in Schedule-VIII As per page no. 42 - Schedule VIII - Details Regarding Evaluation criteria	The two statements for requirement of documents appears contradictory. Please clarify whether we have to furnish the information of technical staff as per page no. 34 or details regarding evaluation criteria as per given format on page no. 42.	Furnished the information of details regarding evaluation criteria as per format in on page no. 42.

Executive Engineer (PHE-I)
JDA, Jaipur

Signature valid
Digitally signed by Dilip Lamba
Designation: Executive Engineer
Date: 2025.12.03 19:14:59 IST
Reason: Approved