



OFFICE OF SUPERINTENDING ENGINEER

Construction Circle, U.P. Jal Nigam (Urban),
R-1, Sector-1 In Front of New Railway Station, Rajnagar,
Ghaziabad (U.P.)

Letter No:	914/SBM(U)-2.0-DADRI NPP-I&D WORKS/10	Date: 12.05.2026	
------------	---------------------------------------	------------------	--

Sub : Minutes of Pre-Bid meeting for “Investigation, Survey (On G.I.S. Basis) & construction of 10.60 MLD STP with 11.50 KLD co-treatment, I&D of drains and structure, main, treated effluent line with SCADA etc., in Dadri Nagar Palika Parishad, Distt- Gautam Buddha Nagar under SBM-(U)- 2.0 Programme”.

N.I.T. No. :- 736/SBM(U)-2.0-GBN-DADRI-NPP-I&D WORKS/07 Dated :- 22.04.2026

Pre-Bid meeting was held on 04.05.2026 in the office of the undersigned office in the present of bidders/their representative against written as well as oral queries asked by bidders.

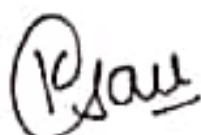
Sl.No	Tender Reference	Specifications as per Tender	Queries	Clarification
1	Tender Document, Dadri TC, C. WORKS UNDER THIS CONTRACT, Page no. 18 of 597,	(b) Construction of 10.60 MLD capacity STP Average flow (Peak factor 2.25) with co-treatment plant of 11.50 KLD capacity (including staff quarter, boundary wall and Internal and External approach road etc.) based on (SBR or any other proven Technology) to deliver desired effluent parameters as per detailed scope of work, specification in tender document.	We understand that tender is called on SBR technology. Being SBR technology, it involves the process designs and supply of core equipment of the technology. Therefore, in order to select proven Technology to deliver desired effluent parameters we request you to provide the qualification criteria for technology provider for the aforesaid tender as it was proposed in the recent Ballia Tender under AMRUT – UP Jal Nigam. Pre-Qualification given for Ballia tender under Amrut - UP Jal Nigam. “The treatment technology (SBR) proposed for this contract must have been adopted (not necessarily built by the bidder) In at least 3 locations for the minimum capacities mentioned in tender document, during last 7 years preceding the month of publication of NIT and that such STPs have been operating successfully (meeting the required performance standards BOD < 10 mg/l, COD < 50 mg/l and TSS < 20 mg/l, TN < 10 mg/l and TP < 1 mg/l and FC-230 MPN/100 ml) for a period of minimum 2 years over a period of last 7 years preceding the month of publication of NIT.”	Kindly adhere to the tender document.

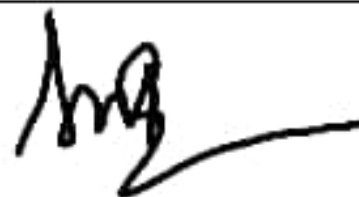
Resau

mg

[Signature]

			Necessary certificates to this effect must be submitted by the Bidder along with the bid. Kindly Confirm.																																																	
2	General	Technology Tie up agreement	As STPs are technology-driven, the technology provider plays a crucial role in design and execution. We request you to include following clause in this tender. "The tenderer shall submit a Memorandum of Understanding (MoU) with the technology provider for the proposed SBR process under this contract." Kindly confirm.	Technology Tie up agreement will be submitted by successful bidder during designing phase of work.																																																
3	Tender Document, Dadri TC, 2. STP Page no. 24 of 597, & Tender Document, Dadri TC, Treated Sewage Quality, Page no. 49 of 597,	Prevailing norms for effluent discharge shall be adhered to achieve BOD < 10 ppm, COD < 50 ppm, TSS < 05 ppm, Fecal coliform (MPN/100ml) < 100, pH= 6.5 to 8.5 to get reusable quality of water for industrial /agricultural purposes. Outlet parameters shall also include TN < 10 ppm, Nh3N < 2 ppm and TP < 1 ppm) & <table border="1"> <thead> <tr> <th>Sr. No</th> <th>No. Parameters / Pollutants</th> <th>Values</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>pH</td> <td>: 6.0 to 8.0</td> </tr> <tr> <td>2</td> <td>Biochemical Oxygen Demand (BOD5)</td> <td>: ≤10 mg/l</td> </tr> <tr> <td>3</td> <td>Chemical Oxygen Demand (COD)</td> <td>: ≤ 50 mg/l</td> </tr> <tr> <td>4</td> <td>Total Suspended Solids (TSS)</td> <td>: ≤5 mg/l</td> </tr> <tr> <td>5</td> <td>Total Phosphorous (TP)</td> <td>: ≤1 mg/l</td> </tr> <tr> <td>6</td> <td>Total Nitrogen (TN)</td> <td>: ≤ 10 mg/l</td> </tr> <tr> <td>7</td> <td>Fecal Coliform</td> <td>: ≤100 MPN/100 ml</td> </tr> </tbody> </table>	Sr. No	No. Parameters / Pollutants	Values	1	pH	: 6.0 to 8.0	2	Biochemical Oxygen Demand (BOD5)	: ≤10 mg/l	3	Chemical Oxygen Demand (COD)	: ≤ 50 mg/l	4	Total Suspended Solids (TSS)	: ≤5 mg/l	5	Total Phosphorous (TP)	: ≤1 mg/l	6	Total Nitrogen (TN)	: ≤ 10 mg/l	7	Fecal Coliform	: ≤100 MPN/100 ml	As per the tender specifications, the final treated effluent requires TSS < 5 mg/L for reuse purposes. However, we understand that achieving such stringent TSS limits typically involves tertiary treatment systems such as Fiber Disc Filter. Hence, kindly confirm whether tertiary treatment systems like Fiber Disc Filter shall be considered in the scope to meet the above requirement.	The clause is amended as under: <table border="1"> <thead> <tr> <th>Sr. No</th> <th>No. Parameters / Pollutants</th> <th>Values</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>pH</td> <td>: 6.0 to 8.0</td> </tr> <tr> <td>2</td> <td>Biochemical Oxygen Demand (BOD5)</td> <td>: ≤10 mg/l</td> </tr> <tr> <td>3</td> <td>Chemical Oxygen Demand (COD)</td> <td>: ≤ 50 mg/l</td> </tr> <tr> <td>4</td> <td>Total Suspended Solids (TSS)</td> <td>: ≤10 mg/l</td> </tr> <tr> <td>5</td> <td>Total Phosphorous (TP)</td> <td>: ≤1 mg/l</td> </tr> <tr> <td>6</td> <td>Total Nitrogen (TN)</td> <td>: ≤ 10 mg/l</td> </tr> <tr> <td>7</td> <td>Fecal Coliform</td> <td>: ≤100 MPN/100 ml</td> </tr> </tbody> </table>	Sr. No	No. Parameters / Pollutants	Values	1	pH	: 6.0 to 8.0	2	Biochemical Oxygen Demand (BOD5)	: ≤10 mg/l	3	Chemical Oxygen Demand (COD)	: ≤ 50 mg/l	4	Total Suspended Solids (TSS)	: ≤10 mg/l	5	Total Phosphorous (TP)	: ≤1 mg/l	6	Total Nitrogen (TN)	: ≤ 10 mg/l	7	Fecal Coliform	: ≤100 MPN/100 ml
Sr. No	No. Parameters / Pollutants	Values																																																		
1	pH	: 6.0 to 8.0																																																		
2	Biochemical Oxygen Demand (BOD5)	: ≤10 mg/l																																																		
3	Chemical Oxygen Demand (COD)	: ≤ 50 mg/l																																																		
4	Total Suspended Solids (TSS)	: ≤5 mg/l																																																		
5	Total Phosphorous (TP)	: ≤1 mg/l																																																		
6	Total Nitrogen (TN)	: ≤ 10 mg/l																																																		
7	Fecal Coliform	: ≤100 MPN/100 ml																																																		
Sr. No	No. Parameters / Pollutants	Values																																																		
1	pH	: 6.0 to 8.0																																																		
2	Biochemical Oxygen Demand (BOD5)	: ≤10 mg/l																																																		
3	Chemical Oxygen Demand (COD)	: ≤ 50 mg/l																																																		
4	Total Suspended Solids (TSS)	: ≤10 mg/l																																																		
5	Total Phosphorous (TP)	: ≤1 mg/l																																																		
6	Total Nitrogen (TN)	: ≤ 10 mg/l																																																		
7	Fecal Coliform	: ≤100 MPN/100 ml																																																		
4	Tender Document, Dadri TC, 3.1 Technical Specification: - 3 Sump and Pumps: page no. 55 of 597	The side water depth (live liquid depth) shall be minimum 3 meter.	Considering the design capacity of raw sewage sump, it seems that mentioned side water depth appears on higher side which will reduce the diameter of wet well and may cause difficulties for installation of pumps. So we request you to allow the bidders to provide the side water depth for raw sewage sump as per best engineering practice. Kindly Confirm.	The data provided in tender document are indicative only. Depth and dia of raw sewage sump will be decided as per best engineering practice during designing phase of work.																																																
5	Tender Document, Dadri TC, 2.1.2 Process Design page no.26 of 597	Minimum 4 Nos. of SBR Basins with adequate volume shall be provided.	For 10.6 MLD flow 2 Nos. of basins are sufficient to handle the given flow and achieve desired outlet quality of effluent. Hence, we understand that, minimum 2 Nos. of SBR Basins with adequate volume shall be provided	Data provided in tender document are indicative only. Nos. of Basins to be decided as per actual design basis during designing phase of work.																																																
6	Tender Document, Dadri TC, Interconnecting Piping and Valves, page no. 34 of 597	Not with standing the above, the Bidder shall submit a Pipe Line Schedule with Tag No., Flow, Size, Type, Material of Construction etc. with detailed P & ID for approval of the Engineer-in-charge prior to any further engineering or procurement/ fabrication and installation.	We understand that these details shall be submitted during detail engineering. Kindly confirm.	Yes Confirmed																																																

• 







7	Tender Document, Dadri TC, C. WORKS UNDER THIS CONTRACT, Page no. 18 of 597	(b) Construction of 10.60 MLD capacity STP Average flow (Peak factor 2.25) with co-treatment plant of 11.50 KLD capacity (including staff quarter, boundary wall and Internal and External approach road etc.) based on (SBR or any other proven Technology) to deliver desired effluent parameters as per detailed scope of work, specification in tender document.	We understand that co-treatment of faecal sludge/ septage is proposed to be done along with the STP. Kindly Confirm.	Yes Confirmed
8	Tender Document, Dadri TC, Approved Make, Page no. 597 of 597	General – Turbo Blower	In recently called UPJN tenders under SBM, such as 10 MLD Khushi Nagar, 12.5 MLD Khushi Nagar and others, Turbo Max make Turbo Blowers were accepted. We understand that, the same shall be acceptable for this tender as well. Kindly Confirm.	Yes Confirmed
9	Tender Document, Dadri TC, Approved Make, Page no. 597 of 597	General – Fiber Disc Filter	Many STP projects in UP have Yucheon make Fiber Disc Filters installed and operating satisfactorily. We kindly request you to add the Yucheon make Fiber Disc filters for this tender as well. Kindly Confirm.	Fiber Disc Filter is not in the scope of work.
10	Tender Document, Dadri TC, 10.0 Electrical & Instrumentation Works, Page no. 36 of 597,	It will be the Contractor's responsibility to arrange for adequate power from State Electricity Authority based on the maximum demand load.	"Battery Limit- We understand that 11 KV, 3Ph,50 Hz Electrical Power shall be made available at the premises of the STP/MPS. Kindly confirm."	11 kV, 3 Phase, 50 Hz electrical power is presently not available at the STP/MPS premises. It shall be the sole responsibility of the Contractor to liaise with and arrange adequate power supply from the State Electricity Authority based on the maximum demand load requirement of the project. The Department shall bear/pay only the official power connection charges payable to the Electricity Authority. However, all expenses related to obtaining NOC/approval from the Electrical Safety Department for the substation and associated electrical installations shall be borne by the Contractor."
11	General	Drawings	We request you to kindly provide STP's plot size and drawings in auto-cad format.	STP's plot area is 3.15 Hectare. The revenue sketch is annexed.
12	Tender Document, Dadri TC, PLC Specifications: Technical, Page no. 39 of 597	The PLC shall be redundant. Redundant CPUs	We understand that redundant PLC has been specified to avoid long interruption in the plant operation & controls. Alternatively, it can also be achieved by providing normal non-redundant PLC along with spares such as pre-programmed PLC hardware like CPU, Power supply etc. In the unlikely event of PLC system failure, the same can be made functional within 1-2 hrs with the help of the spares. Kindly confirm that we can consider non-redundant PLC with required spares. Kindly confirm that we can consider non-redundant PLC with required spares.	Non-redundant PLC with spare CPU, power supply, or other spare hardware components shall not be accepted. The PLC system shall be provided in Hot-redundant configuration only. Further, the PLC shall have onboard memory capacity of not less than 32 MB.
13	Tender Document, Dadri TC, I:-Technical Specification of SCADA IPS/SPS/MPS-Architecture, Page no. 569 of 597	Engineering cum Operator Work Station loaded with Runtime & Development SCADA Server & Logic Developer Operator work Station, loaded with Runtime SCADA Server Redundant SCADA	Operator available in STP plant are not skilled to do programming of SCADA system and it is dangerous to do changes in SCADA with them. For this Expert	Kindly adhere the tender document

Resau

mg

Q

[Signature]

			programmer is required, who always carry required licenses with them. Hence, we request you to consider runtime software for SCADA.	
14	Tender Document, Dadri TC, Technical Specifications & Scope Of Work For Scada/Automation, Page no. 554 of 597	Historian	Alarm & trends are store in computer-based SCADA with inbuilt capability SQL server, hence separate system is not required to store data. We request you to consider PLC & SCADA system without Historian.	Kindly, adhere the Tender documents.
15	Tender Document, Dadri TC, 2:- Common Technical Specification for PLC System Memory, Page no. 574 of 597	The processor must provide minimum up to 32 MB of on board non-volatile memory	Considering the scope of work and the process requirements of the SBR technology, which can be efficiently managed by a controller with adequate onboard memory, kindly confirm whether a controller with onboard memory less than 32 MB but sufficiently sized with adequate spare capacity to meet the process requirements would be acceptable for this application.	The PLC system shall be provided in Hot-redundant configuration only. Further, the PLC shall have onboard memory capacity of not less than 32 MB.
16	Page 18 (b), 26	STP to be based on SBR or any other proven technology	Kindly confirm whether technology selection is open and specify approval criteria and performance benchmarks.	Kindly adhere to the tender document.
17	Page 16	Contractor must redesign if flow exceeds given discharge without extra payment.	Kindly define maximum design flow limit and compensation mechanism.	Kindly adhere to the tender document.
18	Page 19	Contractor responsible for GIS survey and DGPS mapping	Kindly confirm availability of base data and payment applicability.	GIS Survey and DGPS mapping is a part of work which is being tendered.
19	Page 19 & 21	Design vetting required from IIT or equivalent authority	Kindly clarify approval timelines and extension in case of delay	Kindly adhere the tender document.
20	Page 16 – 17	Contractor responsible for utility shifting, NOC and traffic diversion	Kindly clarify approval departmental support and delay compensation.	Kindly adhere the clause -9(b) of section-2 chapter-1 (Brief particulars of work) of tender document.
21	Page 17	BOQ quantities are approximate, payment based on actual execution	Kindly define permissible variation limits and rate applicability	As per rate quoted by bidders.
22	Page 18 – 20	SCADA system included without detailed specification	Kindly clarify scope of automation and integration requirements.	Kindly adhere the tender document.
23	Page 18 – 24	Power supply and DG backup responsibilities unclear	Kindly confirm responsibility for electricity and operational cost.	Power Supply:- 11 kV, 3 Phase, 50 Hz electrical power is presently not available at the STP/MPS/IPS premises. It shall be the sole responsibility of the Contractor to liaise with and arrange adequate power supply from the State Electricity Authority based on the maximum demand load requirement of the project. The Department shall bear/pay only the official power connection charges payable to the Electricity Authority. However, all expenses related to obtaining NOC/approval from the Electrical Safety Department for the substation and associated electrical installations shall be borne by the Contractor.” D.G. :- The DG set shall be designed and rated for 100% combined load of MPS and STP along with AMF panel, and the contractor shall adhere to the BOQ provisions also.

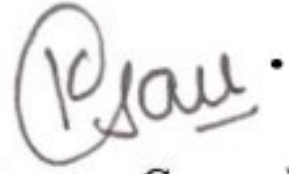
Psau

mg

Q

[Signature]

24	Page 2/7 & 3/7	Eligibility Criteria	Our request is kindly consider the experience of successfully completion and commissioning of similar work as: 1. Construction & Successfully commissioning of WTP 2. Up-gradation & successfully commissioning of CTEP.	Kindly adhere to the tender document.
25		Schedule-J, Mode of payment, point No-04 "After Handover to Nagar Palika Parishad, Dadri and submission of completion drawings to EIC (Jal Nigam (u)).	Please clarify the approx time in which the plant will handover to Nagar Palika Parishad, Dadri after successfully completion and commissioning of trial run period.	The Plant will be handed over to Dadri NPP only after successfully completion and commissioning of scheme as per agreement condition. It is the responsibility of firm to get the Scheme/Project handed over to Dadri NPP.



(Kumar Saurabh)
Executive Engineer
Construction Division-II,
U.P Jal Nigam (Urban),
Ghaziabad.



(Santosh Kumar)
Executive Engineer
Construction Division (E/M),
U.P Jal Nigam (Urban),
Ghaziabad.



(Sanjeev Kumar Gautam)
Superintending Engineer
Construction Circle (E/M),
U.P Jal Nigam (Urban),
Ghaziabad.



(C.S Solanki)
Superintending Engineer
Construction Circle,
U.P Jal Nigam (Urban),
Ghaziabad.

Letter No. / /

Dated

Copy to the following for information & necessary action please.

1. Chief Engineer (Gzb. Zone), U.P. Jal Nigam (Urban) Ghaziabad.
2. Superintending Engineer, Construction Circle, U.P Jal Nigam (Urban), Ghaziabad.
3. Superintending Engineer, Construction Circle (E/M), U.P Jal Nigam (Urban), Ghaziabad.
4. Executive Engineer, Construction Division (E/M), U.P Jal Nigam (Urban), Ghaziabad.
5. Executive Engineer, Construction Division-II, U.P Jal Nigam (Urban), Ghaziabad.
6. M/s. Rehman Builders Pvt. Ltd., D-21, Sector-17, Industrial Area, Kavi Nagar,- Ghaziabad.
7. M/s. R.K Engineers Sales Ltd., B-116, 1st Floor, Vibhuti Khand, Gomti Nagar, Lucknow
8. M/s Krystal Integrated Services Limited, Krystal House, 15A/17, Shivaji Fort CHS, Duncan Causeway Road Mumbai- 400022.
9. M/s Five bro Water Services Pvt. Ltd.- Ahmadabad- Gujarat.



Superintending Engineer