

Pre-bid Query Reply						
Name of Work:		Hajipur Sewerage Treatment Plant and Sewerage Network Project.				
NIT.No:		BUIDCo/Yo-871/2017 (Part-3)-61, Dated-22.08.2019				
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Larsen & Toubro Limited						
1	SCC	189	16. Clause 5.2	In the event that the Owner fails to make any payment by its respective due date or within the period of 60 days, the Owner shall pay to the Operator interest on the amount of such delayed payment.	Bidder requests you to consider Interim payment within 30 days from the date of bill submission, for improving cash flow and smooth progress of project. Kindly Confirm	Bid condition shall be prevail.
2	Schedule 6	277	5 & 6	Invoice Certification & Payment during O&M period	Bidder requests you to make the Interim payment during O&M within 30 days from the date of bill submission, for improving cash flow and smooth progress of project. Kindly Confirm	Bid condition shall be prevail.
3	Schedule 6	275, 280, 283	Stage Payment	It is mentioned that "stage payment of testing & commissioning for STP is 15%".	The employer is already collecting performance security @ 10% of CV towards performance of the contract. In addition to above, withholding 15% towards sectional testing/ final testing & commissioning will affect the contractor's cash-flow & working capital heavily, which will in turn affect the smooth progress of works. Therefore, we request you to reduce the percentage withheld for Hydro-testing / Commissioning from 15% to 5% to maintain a better cash flow and faster progress throughout the execution of project.	Bid condition shall be prevail.
4	GCC	147	Article 5 Clause 5.5.1	The Owner shall release the Performance Security for the Design and Build Part after 3 years of completion of Design and Build work certified by the Owner and submission of the first 3 years O&M performance security.	We request you to release the Performance security for the D&B part after commissioning of the project on submission of O&M Performance Security. Kindly Confirm.	Bid condition shall be prevail.
5	Schedule 6	280	Stage Payment – Gravity Sewer Laying	Tender clause stated that, Design & Drawing – 2% Dewatering where required, ... Supply, laying & jointing of pipes – 60% Manholes – 10% Interconnecting of newly laid sewer ... after reinstatement of road – 3% Back filling, disposal of surplus earth and Temporary reinstatement of roads – 5% Temporary shifting and restoration ... other utilities – 5% Sectional Testing – 5% Final Testing & Commissioning sewer – 10%	As per the clause, in present job sites 28% of payment being withheld for pipe laying works. This affects the cashflow & payment to the sub-contractors which is directly affecting the progress of the project. Hence, we request you to delete the clause for the benefit of the project.	Bid condition shall be prevail.

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6	Schedule 6	282 & 283	Stage Payment	It is mentioned that "stage payment for testing of roads after two years maintenance" is 10%.	The employer is already collecting performance security @ 10% of CV towards performance of the contract. In addition to above, withholding 10% towards sectional testing/ final testing & commissioning will affect the contractor's cash-flow & working capital heavily, which will affect the smooth progress of works. Therefore, we request you to remove the stage payment against testing of Road reinstatement to maintain a better cash flow and faster progress throughout the execution of project. Kindly confirm.	Bid condition shall be prevail.
7	General	-	-	Date of Submission of Tender	Considering the COVID-19 scenario, we request you to extend the Bid submission date by 30 days from the date of pre bid replies. Kindly confirm.	Please refer latest corrigendum.
8	Project duration	6	ITB	Design, Build, Test and Commissioning period of 24 Months, and Operation and Maintenance period of 15years.	The job involves construction of STP, 4 nos of Pumping Station, Sewerage network & retrofitting, redeveloping of existing sewerage network in busy and congested area which need proper phase planning, traffic management and involves dismantling of existing structure. Also please note that design/redesign is in the scope of the bidder which will take minimum 3-5 months. Considering the complexity and volume of job, we request you consider the project duration as 36 Months. Kindly confirm.	Bid condition shall be prevail.
9	Schedule 7	285	Article 1 (1)	In case the Operator fails to meet the technical standards more specifically towards the quality of the treated sewage, the Operator shall pay to the owner Liquidated Damages amounting to INR 30,000/-per day of occurrence, over and above the costs and compensation that might be required by the Owner to pay to the affected people and parties in the effluent discharge area.	Considering the volume of the STP's in this project, the said LD amount is high. Hence, we request you to consider the same as 3,000/- per day of occurrence. We presume that the maximum limit for the overall liquidated damages (Delay and Performance) is 10% of CV. Kindly confirm.	Bid condition shall be prevail.
10	SCC	187	Schedule – 1 Liquidated Damages	As per the clause we understand that the Contractor is liable for a penalty payable to the Employer which is up to 0.05% of the Value of the Design Build Services stipulated in the signed contract for each day of delay beyond the Completion Time. Maximum limit of 10% of the Design-Build price of the Project.	We request you to modify the clause as: The Contractor is liable for a penalty payable to the Employer which is upto 0.05% of unfinished/un commenced work value for delay of every day. Maximum limit of 5% of the Design-Build price of the Project.	Bid condition shall be prevail.
11	Qualification Criteria	71	Section 1, 1.4 (a), 4	As per the tender document it is mentioned that "The treatment technology proposed for this contract has been adopted (not necessarily built by the bidder) in at least 3 locations during last 7 years preceding the month of publication of NIT and that such STP has been operating successfully (meeting the required performance standards and environmental norms specified in the Contract) for a period of minimum 2 years over a period of last 7 years preceding the month of publication of NIT"	The present STP to be constructed in the tender has already been decided for the technology & 60% of the scope was built. In this case, no bidder can propose technology but to complete the remaining works. In this scenario, we presume that this clause will not relevant for PQ. Kindly confirm.	Please refer addendum 1 sr.n.-3

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12	Annexure A, Part h	71	1.5 (b)	The Bidder shall demonstrate by submitting along with its bid, a banker's certificate that it has available cash credit facility equivalent to minimum INR 264.23 million as on the date of submission of bid.	It is not possible to get the certificate from the bank on the date of bid submission. Hence, we presume that certificate shall be latest issued and valid for current financial year. Kindly confirm.	Refer Addendum . 1. Sr.N.-6
13	Annexure A, Part i	75, 79 & 80	Information form 2, 3a & 3b	As per the bidding form bidder has to provide population served details in the format.	It is not feasible to provide the population served details in the experience certificate. Please accept.	Bid condition shall be prevail.
14	Annexure A, Part i	76, 81	Information Form 2a & 4	The annual periods should be calendar years, with partial accounting for the year up to the date of submission of Applications	Since all the financial reports are being closed by Financial years, we presume that the financial year shall be considered as annual year. Kindly confirm	Bid condition shall be prevail.
15	DNIT	7	IFB	It is mentioned that, "Last Date and time for Submission of hard copy of bid is 29.09.2020 up to 03:00 PM"	As we all aware that the logistic services of post is being in-continued/time taking process due to COVID-19, it is not possible to send the hard/manual copy of required documents on the day of the submission. Hence request you to kindly extend the date of submission of Manual/hard copy by 5 days after online submission. Kindly confirm	Please see the reply of sr.n.-7
16	General	-	-	Land acquisition	Kindly confirm the status of land availability of all SPS.	All identified IPS land is government land.
17	General	-	-	Right of Way	We understand that the ROW is readily available. We request the Employer to provide suitable monetary compensation in case of delay in handing over/Non availability of Right of Way, approvals/clearances and Shifting of Utilities by the Employer, in addition to time extension, as any delay in terms of time will have direct impact on cost overrun. Kindly confirm.	Bid condition shall be prevail.
18	ITB	6	-	As per the clause it is mentioned as the O&M period for the entire work is 15 years.	Presently in most of the similar nature of jobs across the country are executing the O&M period of 5 to 10 years, we request you to please consider the O&M period as maximum 10 years. Kindly confirm.	Bid condition shall be prevail.
19	General	-	-	Site Establishments	The authority is requested to provide the land for site set up such as establishments of plants, storage yard, offices, labs etc. Kindly confirm.	The sufficient place is available at STP.
20	BOQ – Sewerage Network Works	-	Item No.3	Refilling trenches by local sand in layers 200 mm thick compacting each layer to achieve maximum dry density 95%	We presume that refilling the trenches can be done by excavated earth. Kindly confirm.	Bid condition shall be prevail.
21	BOQ - Road Restoration	-	Item No. 25, 28, 30, 31	Specification of Road Restoration works	Thickness of road restoration works not provided in the BOQ. Kindly provide the minimum crust thickness along with specification for the restoration works. Also provide the cross section drawing for the same.	The contractor shall prepare drawing as per actual site conditions and have the same approved by BUIDCo

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22	Technical Specifications Schedule 10 BOQ	375	Section-14 Item No. 7	<p>Tender clause states that "The RCC pipes shall be provided with special coatings wherever there is possibility of excess generation of hydrogen sulphide gas during transportation of sewage through sewers. The location, length of coatings shall be as given in construction drawings or as approved by the Engineer</p> <p>The work involves, Supply and application of Polymer based protective Elastomeric coating / Lining with zero V.O.C. for complete inside surface of RCC sewers, with minimum dry film thickness of 1mm, Acid resistant, Abrasive resistant, Adhesive to concrete surface, Durable and pinhole / break free, with smooth surface after application, complete as per the Clauses in this Section, including all labour, HOM of machinery, with all lead lifts, taxes etc. complete"</p>	<p>It is observed that, there is no such coating mentioned in the BOQ item description, hence we presume that special coating for RCC pipe is not required.</p> <p>Kindly confirm.</p>	<p>It is mentioned in BOQ sr. no. 7</p>
23	Design-Build Services Schedule 2	202	Article -12, 12.1 (d)	<p>The tender clause states that "Refurbishment or replacement of existing sewerage network in compliance to the conditions as set out in the DBSS"</p>	<p>We understand that any scope of works for refurbishment or replacement involved in the existing sewer network will be paid at mutually agreed price during construction.</p> <p>Kindly confirm.</p>	<p>Bidder's shall make his own assessment based on site visit and quote the bid accordingly.</p> <p>No additional amount shall be paid.</p>
24	General	-	-	<p>Process Guarantee for STP works</p>	<p>Since the design of the STP works were carried out by other contractor, the bidder is not responsible for the process guarantee.</p> <p>Kindly confirm.</p>	<p>Please refer the addendum 1 Sr. no. 5.</p> <p>Process guarantee of entire project is Bidder's responsibility.</p>
25	General	-	-	<p>Pending STP works</p>	<p>We understand that any extra work like grouting and finishing works, boundary wall required to complete the pending works will be paid extra at mutually agreed price during construction.</p> <p>Kindly confirm</p>	<p>Bidder's shall make his own assessment based on site visit and quote the bid accordingly.</p> <p>No additional amount shall be paid.</p>
26	General	-	-	<p>Outfall Location</p>	<p>We found Railway line & Poles are existing near the outfall location. We understand that getting approvals / clearance from the concerned department is not in bidder's scope.</p> <p>Kindly Confirm.</p>	<p>Getting approvals/clearance are in the contractor's scope. BUIDCo will assist contractor in the process of getting NOC.</p>

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27	General	-	-	-	In the bidding stage, it is difficult to carry out Conditional survey for the completed works and pending works. Hence, we request to reimburse the expenses incurred to repair & complete the works based on mutually agreed price. Kindly confirm.	Bidder's shall make his own assessment based on site visit and quote the bid accordingly. No additional amount shall be paid
28	Completed Sewer Network	-	-	-	We understand that commissioning of the completed sewer works is not in Bidder's scope. Kindly confirm.	Commissioning of whole system is in contractor's scope.
29	General	-	-	-	We understand that High tension line is crossing our boundary. Shifting of the HT line is not in Bidder's scope Kindly confirm.	Shifting of High tension line is in contractor's scope if required. BUIDCo will assist in the process of getting NOC
30	BOQ – Sewerage Network Works	-	B (7a)	In BOQ S. no. B 7a, it is mentioned that “The rate shall include all cost of materials and labour for pipes, jointing with manhole, aggregate packing, dewatering, cleaning the inside surfaces of pipe after laying, bonning rods, sight rails, levelling instruments etc. as required for the above mentioned works”.	We presume that bedding to the sewer line shall be paid under the separate item available in the BOQ. Kindly confirm.	Bid condition shall be prevail.
31	BOQ – Sewerage Network Works	-	-	Bedding	It seems bedding for sewerage network is comparatively less with respect to the pipe laying quantity. Kindly check & Confirm.	Bid condition shall be prevail.
32	BOQ – Sewerage Network Works	-	C – Item no. 11 to 19	Drawing for Manhole	As per the BOQ description, kindly provide the Drawings for Manhole.	Already attached
33	General	-	-	Environmental Clearance	We presume that the client has already received all the environmental clearances along with other required statutory clearances from the concerned Ministry. Kindly Confirm.	Getting approvals/clearance are in the contractor's scope. BUIDCo will assist contractor in the process of getting NOC.
34	General	-	-	Delay not attributable to contractor	We request you to provide suitable time extension, in case of delay in obtaining permission/License/Clearance from concerned authorities, as this is beyond the control of contractor. Kindly confirm.	Bid condition shall be prevail.
35	General	-		Change in Scope of Work	Bidder understands that any change in scope not attributable to contractor shall be suitably compensated for both cost and time. Kindly Confirm	Bid condition shall be prevail.
36	General	-		Power & Water Supply	Bidder understands that Power & water for construction is in Bidder's scope and reasonable support shall be provided by employer to get utility connections from respective authorities. Kindly confirm.	Agreed
37	ITB	32	3.11, b (4)	It is mentioned that “An item not listed in the priced Bill of Quantities shall be assumed to be not included in the Bid, and provided that the Bid is determined substantially responsive notwithstanding this omission”.	Since this an item rate contract for sewerage network, we presume that after the completion of design/redesign work, any increase in quantity or any addition of new item will be paid at mutually agreed price. Hence, we request you to exclude the above-mentioned clause. Kindly confirm.	Bid condition shall be prevail.

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38	Annexure A – Part i	81	Information Form (4)	In the information form (4), Financial information for the projected next two years asked in the tabulation	It is not possible to predict at this juncture. Hence, we request you to exclude the same from the qualification criteria form considering the fact that we are financially sound organization. Kindly confirm.	Bid condition shall be prevail.
39	SCC	187	Article 1, 12	Intermediate Milestone Clause	We request to delete the intermediate milestone clause.	Bid condition shall be prevail.
40	Technical Specification	396	Section no. 14 / 32.1	House service connections shall be provided to collect sewage from individual houses as per approved drawings	There is no item listed in the BOQ for House Service Connection, whereas in the tender document Specification of HSC mentioned. We presume that, the scope of House Service Connection is not in the bidder's scope. Kindly confirm.	Bid condition shall be prevail.
41	Technical Specification	397	Section no. 14 / 32.2	Tender clause states that "Any damage to water supply utility connections which may occur during execution of House service connections, even after taking all necessary precautions by the Operator shall be paid as per rates quoted for the specified item indicated in Bill of Quantities.	Since the scope of HSC construction is not clearly stated, the subject clause to be excluded from the tender. Also, there is no such provision in the BOQ for Miscellaneous Works. Kindly confirm.	Bid condition shall be prevail.
42	Utility Shifting	-	-	Since there is no item in the BOQ for Shifting or dismantling of existing electricity/telephone poles, Sewer/Water lines, HT/LT Cable, OFC Cable, LPG/CNG lines in the ROW area	We presume that the above said works are not in the scope of Bidder under this package. Kindly confirm.	Item is already included in BOQ. Bidder's shall make his own assessment based on site visit and quote the bid accordingly. It is in scope of bidder.
43	Technical Specification	381	Section No. 14 / 28	Scope of DI Pipe	In BOQ details of DI K7 have not been provided, whereas in Section 14, technical specification has been provided for the same. Hence there is no scope of DI pipe in Bidders scope. Kindly confirm.	DI K7 is already mentioned in BOQ.
44	Technical Specification	393	Section No. 14 / 31.3	Scope of Cast in situ RCC Manhole	In BOQ details of cast in situ RCC Manhole have not been provided, whereas in Section 14, technical specification has been provided for the same. Hence there is no scope of Cast in situ RCC Manole in Bidders scope. Kindly confirm.	Bid condition shall be prevail.
45	Geo technical	-	-	Geo technical investigation report	Kindly furnish Geo technical investigation report with soil bore log details, SBC and ground water table details for STP and pumping station locations.	Already attached with bid document.
46	ITB BOQ	30, 39, 79 Etc.		It is stated that "design, development, construction, testing and commissioning of the STP etc."	Since this is an EPC project, we presume that development is not part of scope work. Accordingly, the tender documents shall be modified at relevant pages to exclude development.	This is a DBOT project and development is also in scope of bidder. Bidder have to insure the protection of STP by floud .
47	GCC	148	5.6 (i)	The tender clause stating about the service tax and exemptions.	Effective from 01.07.2017, GST was introduced and all the existing taxes & duties along with exemptions were subsumed. Hence service tax and exemptions are not available, and the clause shall be amended accordingly. Kindly confirm.	Bid condition shall be prevail.

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48	ITB	32	Clause D	It is mentioned about exemption under GST / Excise / Customs duty.	It is to be noted that excise duty is subsumed with the introduction of GST. Hence the said clause shall be amended accordingly. Kindly confirm.	Bid condition shall be prevail.
49	ITB 3.3(b)	48	Bid Data sheet - STP	As per Tender: The treated effluent, which is left after taking out the quantity intended for reuse, shall be discharged at channel.	Query 1: The quality of the effluent required for reuse shall be same as per the standard prescribed for the STP effluent for Disposal. Please confirm. Query 2: The scope of sewage treatment is till CCT and disposal of effluent with required standards at nearby canal only in bidder scope. Kindly confirm. Query 3: Details and Scope of Effluent Reuse is not mentioned in the Tender document. We understood that the reuse infrastructure (pumps, sump and pipe network etc.,) is not part of scope of this tender. Kindly confirm / clarify requirements in detail.	This is a DBOT contract. Bidder shall make his own assessment based on relevant standards and codes, and best engineering practices and have it approved by BUIDCo
50	Cl. 3.11	31	Land loading	As per Tender: The bidder should make a realistic assessment of land requirement.	Regarding STP Land loading: There are a few existing structures in the allocated land, which are based on old scheme to meet old effluent standards (BOD < 20 mg/l, TSS < 30 mg/l). Whereas now as per Tender, new stringent effluent standards (BOD ≤ 10 mg/l, TSS ≤ 20 mg/l, TN ≤ 10 mg/l, TP ≤ 1) shall be met. To meet required new effluent quality, new treatment units with different hydraulics may have to be provided. It may lead to non-utilization of some of existing structures due to execution problem and utilization of more land area (Within provided 10.09 acres only) along with existing structures land area. Hence, we request BUIDCO to omit land loading from this tender as per above mentioned special case. Kindly confirm.	Please refer Addendum 1 Sr.N.- 5
51	Cl. 3.3	21 & 22	Bid Data sheet – STP Existing Units	As per Tender: The bidders will be free to offer STP based on a technology to meet the desired effluent standards, must utilizing the partially completed STP infrastructure already created	As per above Query - details, to meet required effluent quality and to reduce power consumption, new treatment scheme with different hydraulics may have to be provided. It leads to non-utilization of some of existing structures. However, we shall try to utilise the partially completed building, based on feasibility of new scheme and hydraulics, to complete STP. Bidder will consider demolition of existing non utilised structures, which cannot be used, and that area will be converted for landscaping. Kindly confirm.	Please refer the reply of sr.n.- 50
52	13.1.11, a point 2	207	STP- Influent parameter	As per Tender: The indicative influent parameters like BOD5, COD, TSS are mentioned for design purpose.	Query1: Bidder request to furnish influent parameter data (past 2 years) available from existing STP having same source of sewage generation. Query2: For similar tenders in nearby area, the influent values are lower. STP influent parameters can be considered as per bidder assessment as per site condition with responsibility of providing treated effluent guarantee. Kindly confirm.	Bid condition shall be prevail.

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53	ITB 3.3(b)	48	Bid Data sheet – Effluent Disposal	The treated effluent shall be discharged at channel.	As per our assessment as per site visit, 1. No channel was observed nearby the STP for disposal. STP effluent disposal point was observed at nearby Canal at culvert under Railway track 2. The Canal – Disposal point Maximum Water level is 49.4 m as per the Level marking at the culvert. 3. STP Site - Existing CCT outlet chamber Top Water Level 46.35 m (from previous contractor document as provided along with Tender) is lower than Effluent Disposal level at Canal. Hence Effluent disposal to Culvert by gravity is not possible. Kindly confirm the above details of effluent disposal at culvert and whether disposal by pumping is required, as it is vital for design.	This is a DBOT contract. Bidder shall make his own assessment based on Bid Document, relevant standards and codes, and best engineering practices and have it approved by BUIDCO
54	Clause 13.4	213	STP - Perimeter buffer zones	In preparing the layout for the STP, the Operator shall Designate areas of site for use in Perimeter Buffer zone along with main requirements of Treatment/ancillary etc..	Perimeter buffer zone width is not provided in bid document & other references. Based on our experience of similarly project, an average 5 m width of perimeter buffer zone for 22 MLD STP shall be considered. Kindly confirm.	BEP and layout plan is part of the Bid document. Any further required design shall have to be made as per relevant provisions of bid document applicable standards & CPHEEO manual.
55	Annexure-1: Basic Engineering Package of STP (TRI-TECH)	32	STP Site-HFL	HFL of STP site is considered as 47 m as per BUIDCO provided reference documents	HFL of STP site is not provided in Tender document. As per reference document provided with the tender, HFL as 47 m for STP is mentioned for site hydraulics and Structures design. Kindly Confirm the STP site HFL.	All available data is attached with bid document. It is advised to Bidder to visit the site and make his own assessment.
56	General	-	-	-	As per our understanding distance of disposal of treated sewage from site boundary is approx. 1.2 km. Kindly confirm.	All available data is attached with bid document. It is advised to Bidder to visit the site and make his own assessment.
57	Clause 1: 13.1.2. Proposed treatment scheme, Point V Clause 2: 13.3. Sewage Treatment Plant Layout and operation sequence, Point d Clause 3: 13.3, K, Point ii & iii.	204 211 212	Sewage Treatment Plant Layout and operation sequence	As per Tender doc: Clause 1: Provisions for power generation units (if power generation is found feasible), engine rooms with gas engines and accessories. Clause 2: The Operator shall have no right over the use of treated wastewater and sludge except for generation of power (if found feasible) from sludge for use in the STP. Clause 3: Sludge Handling and disposal System shall form an integral part of the treatment system. This should include stabilization of sludge before disposal and reuse for beneficial purposes including gas recovery and power generation to run the STP, agriculture manure, making stabilized clay bricks, etc.	As per tender document and above clause 1 and Clause 2 it is mentioned as power generation to be considered only if it is found feasible, however as per clause 3 it is mentioned that sludge handling system should include gas recovery and power generation to run the STP. Bidder understands that requirement of power generation is to be assessed by bidder based on economic viability and power generation is not mandatory under this contract. Kindly confirm.	Bid condition shall be prevail.

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58	General	-	-	-	Sludge treatment: -- Bidder understand that sludge generated in secondary treatment (ASP) will be thickened and dewatered before disposal at designated location provided by Employer. Kindly confirm.	Bid condition shall be prevail.
59	General	-	-	MOC for Equipment	We understand that MOC for equipment's like Grit mechanism, Air Blower, clarifier mechanism, Thickener mechanism will be CI/MS with epoxy coating. Kindly confirm.	This is a DBOT contract. Bidder shall make his own assessment based on relevant standards and codes, and best engineering practices and have it approved by BUIDCo
60	General	-	-	Guaranteed electricity consumption	We understand that Guaranteed electricity consumption (KWh) for STP will be provided for 22 MLD average flow only. Kindly confirm. Also, provide the Guaranteed Electricity Consumption (KWh/MLD) format required for 22 MLD STP for O&M.	Bid condition shall be prevail.
61	General	-	-	FGL Levels	Kindly provide the existing ground level & Proposed FGL for STP and IPS's	All available data is attached with bid document. It is advised to Bidder to visit the site and make his own assessment.
62	General	-	-	HFL Levels	Kindly provide the High Flood level for STP and IPS's	All available data is attached with bid document. It is advised to Bidder to visit the site and make his own assessment.
63	General	-	-	-	Please clarify the scope of work to be performed in the existing constructed structures of the STP.	Please refer Addendum -1, Sr.N.-5
64	Specific Civil & Structural Requirements for STP & IPS	305,459	Clause 1.6/48.1	In NIT section 1.6 states, "Plinth level of all structures/top of tanks shall be at least (1000) mm above high flood level." Whereas section 48.1 states that, "Building plinth shall be minimum 450 mm above average finished ground level around building or high flood level whichever is more."	Kindly allow us to follow the building plinth as per below. "Plinth shall be minimum 450 mm above finished ground level around building or high flood level whichever is more".	Plinth shall be minimum 450 mm above finished ground level around building or high flood level whichever is more.
65	General	-	-	-	Kindly provide Layout, contour levels (survey) for STP and IPS location.	All available data is already attached with Bid document.

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66	Specific Civil & Structural Requirements for STP & IPS	305	Clause 1.6	As stated in NIT section 1.6, “Care shall be taken to avoid the foundations of adjacent buildings or structure foundations, either existing or not within the scope of this Contract Suitable adjustments in depth, location and sizes may have to be made depending on site conditions. No extra claims for such adjustments shall be accepted by the Owner.”	Please provide the existing structure design calculation, Civil GA & RC drawings of the constructed structures in the STP for our validation and interface engineering. And, to understand the demolition scope.	All available data and drawing is already attached with Bid document.
67	Water Retaining Structures	304	Clause 1.5	In NIT section 1.5 states that, Liquid retaining/conveying structures including the members covering the same (such as roof of a chamber, channel etc.) shall be designed by uncracked method of design as per BIS: 3370 and 6494. Basement RC walls and slabs below ground shall also be designed by uncracked method of design as liquid retaining structures.	We propose to design the sewage retaining structures including basement RC walls and slabs below ground as per limit state method with a limiting crack width of 0.2mm as per Cl. No.4.4, IS3370(part 2). Kindly confirm.	This is a DBOT contract. Bidder shall make his own assessment based on relevant standards and codes, and best engineering practices and have it approved by BUIDCo.
68	Water Retaining Structures	304,452	Clause 1.5/45.4	In NIT clause 1.5 states that, “Structures shall be designed for uplift in empty conditions as per water table indicated in the geotechnical report or high flood level, whichever is maximum. No reduction factor for the uplift force shall be considered. “ Whereas section 45.4 states that, “For design purpose, sub soil water level is to be considered as 2 meters below the average natural ground level”	Kindly allow us to consider Water table as per Geotechnical report.	This is a DBOT contract. Bidder shall make his own assessment based on relevant standards and codes, and best engineering practices and have it approved by BUIDCo.
69	Specific Civil & Structural Requirements for STP & IPS	304, 322	Clause 1.4/ 12.11	In NIT clause 1.4 states, “PVC water stops of suitable type and minimum 230 mm width, 6 mm thick shall be used for walls and base slabs.” Whereas clause 12.11 states, “The PVC joints shall be of the rebated or keyed type and shall have a minimum width of 300 mm inclined feather or straight joints shall not be permitted.”	Kindly allow us to follow 230mm width, 6 mm thick PVC water stops as per the Cl.1.4 as per standard construction practice.	This is a DBOT contract. Bidder shall make his own assessment based on relevant standards and codes, and best engineering practices and have it approved by BUIDCo.
70	Specific Civil & Structural Requirements for STP & IPS	315	Clause 4.2, Roadways	As per NIT clause 4.2, “All roads shall be of Activated Sludge Process halt macadam and minimum 3.75 meters wide. “	Kindly provide the specification of the macadam Road.	This is a DBOT contract. Bidder shall make his own assessment based on relevant standards and codes, and best engineering practices and have it approved by BUIDCo.
71	Specific Civil & Structural Requirements for STP & IPS	306	Clause 1.7, Design requirements – Minimum thickness of concrete members	As per NIT clause 1.7, The following minimum thickness shall be used for different reinforced concrete members irrespective of design thickness. · Walls for liquid retaining structures -200mm · Base Slab of liquid retaining structures -350mm · Wall foundation (At Junction of Base Slab & Wall) of liquid retaining structures) -400mm · Footing – At the Face of Column – 450mm	We propose to use the following minimum thickness as general practice. · Partition / Baffle walls - 150mm · Base slab of Liquid retaining structures – 200mm · Wall foundation (At the junction of Base slab & wall) of Liquid retaining structures = 300mm · Footing at the face of column = 300mm Kindly confirm	Bid condition shall be prevail.

S.No	Section Reference	Page No	Section or Article No.	Tender Condition	Bidders Query	Reply
72	Specific Civil & Structural Requirements for STP & IPS	307	Clause 1.8 Minimum cover to main reinforcement	As per NIT clause 1.8, · Foundation – 60mm (Bottom & Top) · Beams – 40mm (Top / Bottom)	Kindly allow us to consider the following cover to main reinforcement for the members · Foundation – 50mm (Bottom & Top) · Beams – 30mm (Top / Bottom)	Bid condition shall be prevail.
73	Specific Civil & Structural Requirements for STP & IPS	307,308	Clause 1.9, Minimum Bar Diameter & Clause: 1.10, Bar Spacing	As per clause 1.9: The wall main bar diameter as 10mm. As per clause 1.10 :Bar spacing shall be provided in multiple of 25 mm and Foundation minimum bar spacing 125mm	<ul style="list-style-type: none"> Kindly allow us to consider the Wall – Main bar diameter as 8mm Kindly allow us to consider bar spacing in multiples of 10mm Kindly allow us to consider minimum bar spacing of 100mm for foundation 	Bid condition shall be prevail.
74	Specific Civil & Structural Requirements for STP & IPS	-	General	Specification for rungs not mentioned in the tender document	We propose PVC encapsulated rungs with MS rod for access inside of tanks, manholes and pits from top of wall to bottom slab.	This is a DBOT contract. Bidder shall make his own assessment based on relevant standards and codes, and best engineering practices and have it approved by BUIDCo.
75	Specific Civil & Structural Requirements for STP & IPS	316	Clause 5.1 -Storm Water Drainage	As per clause 5.1, a) Storm water drains adjacent to the existing and proposed roads (under this Contract) shall be sized for a rainfall intensity of 50 mm/hr, allowing for 100% runoff. Drains adjacent to roads shall be in stone masonry in CM (1:4) of appropriate thickness, topped with 75 mm thick M10 concrete and internally flush pointed in cement mortar (1:4), 20 mm thick.	Kindly allow us to use Brick masonry drains instead of Stone Masonry.	Bid condition shall be prevail.
76	Specific Civil & Structural Requirements for STP & IPS	314	Clause 4.1 Buildings & Structures	In NIT, Page 314 : f) Kerbs to be provided below the hand railing on the catwalks/pathways should be as per relevant sections of Factory Act. It shall not be less than 150mm.	Kindly allow us to use 150mm height x 5mm thick toe plate for safety purpose instead of Kerbs.	Bid condition shall be prevail.
77	Specific Civil & Structural Requirements for STP & IPS	310	Clause 4.1 Buildings & Structures - Finishes to Concrete Liquid retaining structures & other Concrete structures	In NIT, Page 310 : Finishes to concrete liquid retaining structures shall be: a. F1 - External surfaces, buried b. F2 - External surfaces exposed and up to 300 mm below ground level c. F2 - Internal surfaces Finishes to other concrete a. F1 – Buried b. F1-Exposed, where plastering is specified c. F2 – Exposed	Please clarify the surface finishes type Marked F1 & F2.	Bid condition shall be prevail.
78	General	-	-	Plinth area requirements & specifications	Kindly provide the plinth area requirement and specifications for Staff quarters.	This is a DBOT contract. Bidder shall make his own assessment based on relevant standards and codes, and best engineering practices and have it approved by BUIDCo.

S.No	Section Reference	Page No	Section or Article No.	Tender Condition	Bidders Query	Reply
79	Article 13	205	Design Services:Clause 13.1.5		Please confirm if there is an existing structure for Main Pumping Station (MPS) inside the STP campus including the units for Receiving chamber, Screen chamber and Wet Well. If existing structures are there, bidder requests to provide the following details: General Arrangement Drawings and Structural drawings of existing structures with dimensions and levels of each unit	All available drawings and data are attached with bid document.
80	Article 13	205	Design Services:Clause 13.1.5		Please confirm if the existing structure for MPS is designed as per the incoming sewer details provided in Clause 13.1.5 on Pg.204/477.	This is a DBOT contract. All available documents and drawings are attached with bid document. Bidder shall make his own assessment based on relevant standards and codes, and best engineering practices and have it approved by BUIDCo. It is advised that bidder may visit the site.
81	Article 13	205	Design Services:Clause 13.1.5		Bidder requests for the invert level of incoming sewage to MPS.	All available drawings and data are attached with bid document.
82	Article 13	205	Design Services:Clause 13.1.9		Bidder assumes that civil structure of Main Pumping Station (MPS) inside STP campus has to be designed for the ultimate flow of 33 MLD and pumps have to be provided for intermediate flow of 22 MLD (peak flow of 49.5 MLD). Kindly confirm.	Bid condition shall be prevail.
83	Article 13	205	Design Services:Clause 13.1.9		Bidder assumes that the wet well of Main Pumping station will be sized as per Clause 4.6.6 of CPHEEO. Kindly confirm.	This is a DBOT contract. Bidder shall make his own assessment based on relevant standards and codes, and best engineering practices and have it approved by BUIDCo.
84	Article 13	202	Design Services:Clause 13.1.2		Bidder assumes that the firefighting equipment be provided in STP is Dry Powder fire extinguisher. Kindly confirm.	Fire-fighting system shall be provided as per provisions of National Building Code
85	General	-	Power Consumption		Bidder understands that electricity consumption for STP has to be guaranteed inclusive of MPS pumping and pumping, if required, for disposal of treated sewage. Kindly confirm.	Bid condition shall be prevail.
86	General	-	-	Incoming 11kV Power Supply	We presume that 11 KV incoming power supply up to Metering Unit located in the STP/SPS Premises shall be made available by BUIDCO. The Scope of the Contractor shall commence only from Outgoing of 11kV Metering Panel located within the STP/IPS Premises. Kindly Confirm	BUIDCo will assist to contractor for taking 11kV incoming power supply provided up to the Site Premises (STP / IPS). It is in scope of Bidder.

S.No	Section Reference	Page No	Section or Article No.	Tender Condition	Bidders Query	Reply
87	General	-	-	Buried Cable Trenches	We understand that RCC Cable trenches shall be used in Indoor areas. Outdoor Cable Installations within the STP/IPS shall be through Directly Buried Cables. Kindly confirm.	This is a DBOT contract. Bidder shall make his own assessment based on relevant standards and codes, and best engineering practices and have it approved by BUIDCo.
88	General	-	-	Electrical Design Criteria & Specification	We understand that the Electrical Design of STP /IPS shall be as per CPHEEO Manual, Relevant IS Codes and Local Electricity Board Regulations. Kindly Confirm	This is a DBOT contract. Bidder shall make his own assessment based on relevant standards and codes, and best engineering practices and have it approved by BUIDCo.
89	Tender Document /Revised Financial sheet	401	37.1.1 and S.No 38	The Operator shall be responsible for the design of the pipes used for the trenchless method including all joints.	Please provide the location and Diameter of Encasing pipe for trenchless technology.	This is a DBOT contract. Bidder shall make his own assessment based on relevant standards and codes, and best engineering practices and have it approved by BUIDCo.
90	General	-	Drawings	Construction of IPS	Kindly provide the Layout & GAD for all IPS	All available data and drawing is already attached with Bid document. This is a DBOT contract. Bidder shall make his own assessment based on relevant standards and codes, and best engineering practices and have it approved by BUIDCo.
91	Revised Financial sheet	-	IPS & Network	Indicative Sewage flow rate for IPS	Whether provided Indicative Sewage flow rate is Average flow or Peak flow. If Average flow, Kindly provide the Peak factor to be considered to arrive the IPS Design.	This is a DBOT contract. Bidder shall make his own assessment based on relevant standards and codes, and best engineering practices and have it approved by BUIDCo.
92	Tender Drawings	-	-	-	Kindly provide the Alignment Plan & L-section for all Rising Main.	All available data and drawing is already attached with Bid document. This is a DBOT contract. Bidder shall make his own assessment based on relevant standards and codes, and best engineering practices and have it approved by BUIDCo.

S.No	Section Reference	Page No	Section or Article No.	Tender Condition	Bidders Query	Reply
93	Tender Document	48	Bid Data Sheet	Effluent Disposal point	<p>Please provide the following details with respect to treated effluent disposal,</p> <ul style="list-style-type: none"> Alignment Plan of the disposal line from the STP Site to the Disposal location Ground Level & HFL at the disposal Point 	All available data and drawing is already attached with Bid document. This is a DBOT contract. Bidder shall make his own assessment based on relevant standards and codes, and best engineering practices and have it approved by BUIDCo.
94	Tender Document	396	Clause 32	House service connections shall be provided to collect sewage from individual houses as per approved drawings	Kindly provide the Typical Drawing of HSC	Bid condition shall be prevail.
95	Tender Document	45	ITB 1.1 (d) Bid Data Sheet	Setting up the infrastructure required for reuse of the treated effluent	We presume that Reuse network is not a part of Tender Document. Kindly confirm	Bid condition shall be prevail.
96	Revised Financial sheet		Section B, S.No.7		As per BOQ Section B, S.No.7, RCC pipes of same Diameter (300mm/800mm) is falling under class NP3 & NP4. Kindly clarify the criteria and confirm the bifurcation detail.	The indicated class, size and lengths of pipe are of the left out work of the previous rescinded contract
97	Revised Financial sheet		Section D, S.No.51	MOC of Screens	Please provide the Bar size, spacing of screens, MOC of screens	This is a DBOT contract. All available documents and drawings are attached with bid document. Bidder shall make his own assessment based on relevant standards and codes, and best engineering practices and have it approved by BUIDCo
98	Revised Financial sheet	44	ITB 1.1 (c)	Refurbishment or replacement of existing sewerage network in compliance to the conditions as set out in the DBSS.	Kindly provide the Details of Existing Sewer Network (GL, IL, Diameter of Pipe) connecting to the proposed Sewer Network	All data and drawings are attached with bid document.
99	Revised Financial sheet		Section D, S.No.34		Kindly provide the Ground level, Invert level and Diameter of incoming sewer for all IPS	This is a DBOT contract. All available documents and drawings are attached with bid document. Bidder shall make his own assessment based on relevant standards and codes, and best engineering practices and have it approved by BUIDCo

S.No	Section Reference	Page No	Section or Article No.	Tender Condition	Bidders Query	Reply
100	Bid Document	346	29	The instrumentation shall include online measurement of influent and effluent parameters for sewage, sludge, and sludge gas.	Bidder's understands that the online measurement of influent and effluent parameters shall be based on process requirement. Kindly confirm.	This is a DBOT contract. All available documents and drawings are attached with bid document. Bidder shall make his own assessment based on relevant standards and codes, and best engineering practices and have it approved by BUIDCo
101	General Query	-	-	-	Instrumentation and Automation specification is not provided in the tender document. Bidder understands that it will be based on our design and recommendation.	This is a DBOT contract. All available documents and drawings are attached with bid document. Bidder shall make his own assessment based on relevant standards and codes, and best engineering practices and have it approved by BUIDCo
102	General Query	-	-	-	Since any approved make list of instrumentation and automation system is not provided in the tender document, bidder understands that same shall be based on bidder's recommendation. Kindly confirm.	This is a DBOT contract. All available documents and drawings are attached with bid document. Bidder shall make his own assessment based on relevant standards and codes, and best engineering practices and have it approved by BUIDCo
103	General Query	-	-	-	As nothing is mentioned about the data transfer from the IPS to STP, bidder themselves understands that Wireless data transferring facility is required at the IPS to send the data to their respective STP. GSM/GPRS modem shall be provided by the bidder. Please confirm whether bidder understanding is correct or not.	Bid condition shall be prevail.
104	Annexure 1	131	-	P&I diagram for IPS	As per Basic engineering document, Ultrasonic type level transmitter has been considered by the client at all the pumping station (IPS) along with the conductivity type level switch , however in the Financial Sheet i.e BOQ Level transmitter item is missing. Kindly confirm whether bidder has to consider Level transmitter in the design of pumping station or not. If yes then request you to revise the BOQ by including level transmitter below serial no. 73 of Financial sheet.	This is a DBOT contract. All available documents and drawings are attached with bid document. Bidder shall make his own assessment based on relevant standards and codes, and best engineering practices and have it approved by BUIDCo

S.No	Section Reference	Page No	Section or Article No.	Tender Condition	Bidders Query	Reply
105	Bid document	476	56.4	A Supervisory Control and Data Acquisition (SCADA) system will be installed in the Intermediate pumping stations networked to the PLC and shall acquire, display, monitor and issue remote control actions for maintaining the pumps. The SCADA system shall also originate custom performance reports for management reporting.	As per tender conditions bidder understands that PLC with SCADA System is required at the Pumping station. However, in the Financial sheet (BOQ) under the electrical and instrumentation items for IPS same has not been considered. Client is requested to revise the BOQ by adding PLC item in the BOQ.	This is a DBOT contract. Bidder shall make his own assessment based on relevant standards and codes, and best engineering practices and have it approved by BUIDCo
106	Timber shoring	280	PART-1	Timbering/Sheet piling, bedding of pipes, Supply, laying & jointing of pipes	Considering the inherent risks of quality while using timber shoring it is requested to change this to MS shoring which are more reliable and safer. Kindly consider and update in BOQ.	Bid condition shall be prevail.
107	Existing STP Structures	44	Table 2	Details of existing STP structures	Kindly provide the structural conditional assessment report for the completed structures	Bidder shall make his own assessment.
108	Schematic of Rail track crossing	-	Drawing No STD-13	As per drawing, diameter of pipe is not mentioned.	Request you to provide width, and number of each crossing and diameter of carrier pipe for each crossing.	This is a DBOT contract. All available documents and drawings are attached with bid document. Bidder shall make his own assessment based on relevant standards and codes, and best engineering practices and have it approved by BUIDCo
109	Blasting	366	Excavation in Rock	-	This statement mentioned in the given section like “number of blasts, status of blasting plan (including notices, evacuations etc.) and “excavation in rock shall be carried without resorting to any kind of blasting” are misleading kindly clarify.	Bid condition shall be prevail.
110	Disposal of Excavated material	380	30.11-Bid Document	The responsibility of locating the site for stacking of excavated earth shall be the responsibility of operator, in coordination with the owner	Disinfection is generally done by gas chlorine or UV, please clarify.	This is a DBOT contract. All available documents and drawings are attached with bid document. Bidder shall make his own assessment based on relevant standards and codes, and best engineering practices and have it approved by BUIDCo
111	Road Crossing	-	STD-20	-	Request you to provide number of each crossing and diameter of pipe for Road crossing.	This is a DBOT contract. All available documents and drawings are attached with bid document. Bidder shall make his own assessment.

S.No	Section Reference	Page No	Section or Article No.	Tender Condition	Bidders Query	Reply
112	Electricity Tariff	51 293	ITB 3.11 c Schedule 7, Clause 5	The prevailing electricity tariff referred to as —Base Rate of Electricity Tariff is INR6.5 per kWh. O&M prices shall be subject to adjustment on account of variation in the Electricity Tariff during the O&M period with reference to Base Rate of Electricity Tariff’ specified at the time of invitation of bids, namely INR7.5 per kWh	There is a contradiction in these clauses. Hence, we request you to confirm the Base Rate of Electricity Tariff.	It is confirmed that the base rate of Electricity Tariff is Rs. 6.5 per KWH.
113	Electricity Tariff	51	ITB 3.11 c	The prevailing electricity tariff referred to as. Base Rate of Electricity Tariff. is INR 6.5 per kWh.	The referred clause specifies that the base rate of Rs. 6.5 per kWh shall be considered for electricity. Kindly confirm that the other statutory charges associated with electricity like, wheeling charges, demand charges, taxes etc. will be paid to the contractor at actuals.	Bid condition shall be prevail.
114	Electricity Charges during O&M	285	Article 1	Bill for electricity usage by the Sewage Treatment Plant and SPSS (if applicable) during the Operations Period (the. Electricity Dues.), shall be paid by the Operator to the relevant utility.	We understand that electricity charges during O&M should be borne by contractor. Since there will be financing charge considered by the contractor for the same, leading to increased O&M value, we request you to amend the requirement to free electricity supply by client. Kindly confirm.	Bid condition shall be prevail.
115	Price adjustment for O&M	293	Schedule 8/5	Adjustment for Variation in Electricity Tariff	As per the referred clause, it is mentioned that “Price adjustment is allowed for only Electricity, not allowed for manpower, chemicals and material”. Considering the volatility in market, predicting the price over a period of 180 months is practically not viable. Hence, we request you to consider price variation for all labour, chemicals, materials and other commodities included in this project. Also provide percentage of components based on formulae governed by relevant RBI indices, kindly consider and confirm.	Bid condition shall be prevail.
116	Statutory Variation during O&M period	-	-	-	Since it is a long-term contract, we request you to consider statutory variation clause for taxes during O&M period, please confirm.	Bid condition shall be prevail.
117	Treated Sludge Disposal	251	Article 2/scope of work	The sludge generated from the STP shall be disposed of through proper approved means of transport to the Compost yard site as designated by the Owner	Kindly provide us sludge disposal distance from each STP’s location wise.	Please refer BID data sheet of bid document.
118	Asset replacement	-	-	Asset replacement - Not mentioned	Since it is a long-term O&M contract, we request you to consider provision of Asset replacement fund to be utilized to replace equipment that has completed productive life or is beyond repair or obsolete. Kindly confirm.	Bid condition shall be prevail.
SIPL						
119	NIT, Pg No. 6 in Technical PQ point No €			It has designed, developed, built, tested and commissioned Sewerage Network of 111 KM length of the total scope of sewerage network collectively from maximum 3 projects during the last 7 years preceding the month of publication of NIT; of which 600 mtr should be above the pipe diameter (1000mm)	We request you please reduce the pipe length and pipe dia (1000mm) and pipe dia should be from 400 to 600mm and length of 600 mtr. Kindly consider the same.	Please refer addendum-1. Sr. No. 4
120	NIT, Pg No. 6 in Technical PQ point No (g)			The bidder or his nominated sub-contractor has operated and maintained Sewerage Network of 111 KM length of the total scope of sewerage network collectively from maximum 3 projects during 1 year over the last 7 years preceding the month of publication of NIT.	For the better participation and competitive bidding, kindly remove this point from qualification requirement.	Bid condition shall be prevail.
121	NIT, Pg No. 6 in Technical PQ point No (i)			The bidder or his nominated sub-contractor has designed, built and commissioned Sewerage Network using trenchless technology for a minimum of 1.25 KM of the proposed length of the network to be laid using trenchless technology, during the last 7 years preceding the month of publication of NIT.	For the better participation and competitive bidding, kindly remove this point from qualification requirement.	Bid condition shall be prevail.

S.No	Section Reference	Page No	Section or Article No.	Tender Condition	Bidders Query	Reply
122	ITB 1.1 (c)			<p>The Existing STP Structures status and layout has been attached with bid document.</p> <p>S. No Name of Structure Status Remarks</p> <p>1 Grit Separator 90% Civil work completed 10% Civil work, finishing and testing is remaining</p> <p>2 Secondary Clarifier 100% Civil work completed Finishing and testing is remaining</p> <p>3 Chlorine contact tank 100% Civil work completed Finishing and testing is remaining</p> <p>4 Gravity sludge thickener 100% Civil work completed Finishing and testing is remaining</p>	It seems the existing structure of SIR only civil work has done for few of structures and Complete electro-mechanical & Instrumentation work is pending and IPS/MPS work had not started. Kindly confirm.	Bidder shall make his own assessment based on thair site visit.
123	NIT, Point 48.1			<p>Cement The Cement shall be Sulphate Resistant Cement grade-53 in all water retaining structures and OPC 53 grade cement for other structures, confirming to the relevant B.I.S. codes and approved by the Owner's Representative. Manufacturers Test Certificate shall have to be furnished. Minimum cement consumption for RCC M20 shall be considered as 350 kg/cum and for RCC M25 shall be 380 kg/cum. mixing of fly ash in the concrete shall not be considered. Approved Manufacturers of Cement of reputed firm with ISO certification shall be used</p>	SRC cement is not available easily and due to the non-availability of SRC cement the work progress will be hampered. Hence, kindly consider the OPC 43 cement for water retaining structure and other structures.	Bid condition shall be prevail.
124	NIT Point No. 13.1.7, Disinfection			The Treated Sewage from the Secondary treatment units will be disinfected using ACTIVATED SLUDGE PROCESS technology. The treated and disinfected sewage is to be disposed into the water stream by suitable outfall arrangements	Disinfection is generally done by gas chlorine or UV, please clarify.	Bid condition shall be prevail.
125	NIT Point No. 13.1.9b, Design criteria			The STP shall be designed for 22mld capacity. The land provided is for augmenting the capacity to the ultimate flow of 22mld. The General Arrangement Drawing (GAD) supported by hydraulic sizing calculation for ultimate flow of 49.5mld shall be provided. However the detailed design shall be furnished for only 49.5mld	As per our understanding plant is to be designed for 22 MLD with peak flow of 2.25 times and hence capacity of 49.5 MLD, please confirm.	Bid condition shall be prevail.
126	NIT Point No. 13.1.11, Design Responsibilities			Waste Water Characteristic in Hajipur:- BOD-300, COD-400 & TSS-300	Please provide the value of Nitrogen and Phosphorus in inlet sewage as outlet guaranteed value is mentioned in tender document.	Bidder shall make his own assessment.
127	NIT Point No 13.1.11,			The Operator shall have responsibility to dispose the treated sewage at the designated location under the Contract.	Please provide the distance and HFL of disposal point from SIP area	All available data is attached with bid document. It is advised to Bidder to visit the site and make his own assessment.
128	NIT , Pg no -6 in Technical			The Bidder shall provide evidence that it has Designed, developed, built, tested and commissioned at least 1 STP of 18MLD or 2 STP of 13MLD or 3 STP of 9 MLD of the same technology as proposed for this contract under Clause 3.3 (a) of Instructions To Bidders during last 7 years preceding the month of publication of NIT.	In technical qualification all the experience certificates to be completed during last 7 years preceding the month of publication of NIT. You are requested to kindly amend it as all the experience certificates should be completed in last 10 years preceding the month of publication of NIT.	Refer Addendum No. 1. Sr.N.-1
129	NIT, pg no-7 in Technical			Bid Security Rs. 2.12 Crs	As we known, due to the pandemic of covid-19, whole country is in economic crisis so department should be provided some relaxation in bid security amount and it should be Rs. 1.06 Crs. In the form of bank guarantee	Bid condition shall be prevail.

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S.No	Section Reference	Page No	Section or Article No.	Tender Condition	Bidders Query	Reply
137	Bid Document Annexure A- Part h, Section 1/1.4 point no 5	7		It has designed, developed, built, tested and commissioned Sewerage Network of 111 KM length of the total scope of sewerage network collectively from maximum 3 projects during the last 7 years preceding the month of publication of NIT; of which 600 mtr should be above the pipe dia meter (1000 mm)	We envisaged that The bidder or his nominated sub-contractor has designed, developed, built, tested and commissioned Sewerage Network of 111 km length of the total scope of sewerage network collectively from maximum 3 projects during the last 7 years preceding the month of publication of NIT; of which 600 mtr should be above the pipe diameter (1000mm). Please confirm the same.	Please refer addendum 1 Sr.N.- 4
EMS Infracon Pvt. Ltd.						
138					As per Sewerage Network BOQ Item No. 3 "Refilling with local sand": If yes, please check and confirm us that excavated earth will remove and 100% refilling with local sand, this statement is applicable for entire sewerage network 100% or partially means branch lines/main trunk lines. Please also allocate location for surplus earth storage.	Bid condition shall be prevail.
139					Please furnish distance of disposal of treated sewage from site boundary. Please provide drawing and location for kind reference.	Please refer reply of Sr.NO. 117.
140					As per Sewerage Network BOQ Item No. 7 (a)-150mm dia. DWC have been proposed for branch sewer lines. In NMCG schemes, minimum 200 mm dia. Is used for branch lines. Please confirm.	Bid condition shall be prevail.
141					BOQ item no. 19 (House connecting chamber)- There is a provision of brick type connecting chamber size (450 mm x900mm)- We request you to allow precast connecting chamber in place of brick type considering good quality and easy installation.	Bid condition shall be prevail.
142					BOQ item no. 38 (Trenchless works of dia. 150 mm to 1200 mm- Length 2500 mtr): We request you to bifurcate same dia. Wise and also provide location in layout if already freeze. As per site condition, narrow roads are there where laying through pushing method would not be applicable. Considering same, provision of HDD method should be in BOQ. Pls consider same. The DWC pipe manufacturer must have a valid IS 16098 certification not less than 2 year old and must have supplied a minimum of 1000 km of HDPE DWC pipe of which 200 mm dia should not be less than 200 km.	Bid condition shall be prevail.

S.No	Section Reference	Page No	Section or Article No.	Tender Condition	Bidders Query	Reply
143					<p>In the tender document it is mentioned that the bidder is free to offer STP based on a technology of their choice, however in the other segments of the Tender ASP technology is already mentioned. This contradicts the statement, please check and confirm either to use existing structures or dismantle the existing structures.</p>	<p>Please refer addendum -1 Sr. no. 5</p>

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Yadav Construction Company																																																																		
144	ITB 1.1 (c)	Page 44 of 477		The Existing STP Structures status and layout has been attached with bid document	<p>We presume that Existing Plant was designed considering the old CPHEEO parameter for treated effluent however parameter mentioned in the current bid document ($BOD \leq 10$ mg/l and $TSS \leq 20$ mg/l. along with biological removal of Nitrogen & Phosphorus) cannot be achieved with existing structure, Moreover earliest bidder was disqualified on the basis of the not utilizing of the existing structure. Please clarify how current effluent parameters will be achieved with the utilization of existing structure. Also clarify how the new contractor can give performance guarantee of treated effluent based on old structure.</p>	Please refer addendum -1 Sr. no. 5																																																												
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145	13.1.11. Design Responsibilities	Page 208 of 477		<div>Selection adoption and detailed engineering Designs for the most appropriate Designs for the most appropriate techno economically feasible cost effective treatment process technology for the treatment of the sewage ensuring that the treated sewage meets with the stringent of the disposal standards prescribed by the NGT and in the contract as may be applicable</div> <table><tr><th>S. No</th><th>Parameters</th><th>Parameters Limit (Standards)</th></tr><tr><td>1</td><td>pH</td><td>5.5 – 9.0</td></tr><tr><td>2</td><td>BOD (mg/l)</td><td>Not more than 10</td></tr><tr><td>3</td><td>COD (mg/l)</td><td>Not more than 50</td></tr><tr><td>4</td><td>TSS (mg/l)</td><td>Not more than 20</td></tr><tr><td>5</td><td>Total Nitrogen</td><td>Not more than 10</td></tr><tr><td>6</td><td>Total Phosphorous</td><td>Not more than 1</td></tr><tr><td>7.</td><td>Fecal Coliform (MPN/100ml)</td><td>Desirable -100, Permissible- Not more than 230</td></tr></table>	S. No	Parameters	Parameters Limit (Standards)	1	pH	5.5 – 9.0	2	BOD (mg/l)	Not more than 10	3	COD (mg/l)	Not more than 50	4	TSS (mg/l)	Not more than 20	5	Total Nitrogen	Not more than 10	6	Total Phosphorous	Not more than 1	7.	Fecal Coliform (MPN/100ml)	Desirable -100, Permissible- Not more than 230	The Sewage Treatment Plant, in which almost 60% civil construction has been constructed on Activated Sludge Process technology, which is not suitable to achieve the outlet Design Responsibilities. To achieve the outlet Design Responsibilities we have to redesign the plant based on other suitable technology (i.e A20, SBR etc.). All the process structure has to redesigned and constructed based on new adopted technology & existing process structures has to be demolished. However we understand that common general purpose infrastructure can be utilized. In our understanding without demolishing the existing process structure the parameter cannot be achievable. Please elaborate and clarify.	Please refer addendum -1 Sr. no.5
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146	ITB 1.1 (C) & 13.1.11. Design Responsibilities	Page 208 of 477		<div>The Existing STP Structures status and layout has been attached with bid document.</div> <div>&</div> <div>Selection adoption and detailed engineering Designs for the most appropriate techno economically feasible cost effective treatment process technology for the treatment of the sewage.</div>	<div>Referring to the tender clauses ITB 1.1 (C) & 13.1.11. Design Responsibilities we would like to highlight that the above referred conditions are contradictory to each other. One states to use the existing structure however design responsibility states to use new suitable process technology to achieve latest parameters mentioned in bid doc. Moreover bid document states that contractor has responsibility to access the existing structures and site conditions and confirm the process guarantees. In such scenario we a bidder are confused to work and assure the process guarantees.</div> <div>Moreover Earlier prequalified bidder was disqualified on the basis of the not utilizing of the existing structure.</div> <div>Please guide how to choose process for the sustainable development of project with due process guarantees.</div>	Please refer addendum -1 Sr. no.5																								
147	1.11				<div>The High flood level mentioned in document is 47 m and verifications is the contractors responsibility but we visited the site and verify the high flood level it is found 50m. So as disposal point has to be above the High flood level hence we cannot use the existing structures which are constructed below the high flood level. Please clarify and confirm the Exact High Flood level.</div> <div>Since Bihar comes under high risk zone to floods and in such scenario, if plant will sink during monsoon and flood post commissioning then in that case contractor shall not be responsible for the economic and environmental losses. Plz confirm and clarify.</div>	All available design and drawing has been uploaded. Bidder have to insure the protection of STP by floud . Please refer addendum -1 Sr. no. 5																								
148		Page 393 of 477		31.3 RCC Manholes	During budget preparation it seems that RCC manhole are not considered in the budget kindly clarify.	Please refer addendum -1 Sr. no. 10-17																								

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149				Tender document page 6 of 477, Sr. no. 5, it is mentioned that the bidder has designed, developed, built, tested and commissioned Sewerage Network of 111 Km length of the total scope of sewerage network collectively from maximum 3 projects during the last 7 years preceding the date of submission of Bid; of which 600 meter should be above the pipe diameter (1000mm), in this connection it is mentioned that pl qualify the bidder who have designed developed, built, tested and commissioned Sewerage Network of 105 Km length of the total scope of sewerage network collectively from maximum 2 projects during the last 7 years preceding the date of submission of Bid. Pl consider the request for healthy competition. We presume that sewerage network means sewer lines including property connection pipe line also. Pl confirm.		Please refer addendum -1 Sr. no. 4															
150				Tender document page 6 of 477, Sr. no. 7, it is mentioned that the bidder or his nominated sub-contractor has operated and maintained sewerage network of 111 km length of the total scope of sewerage network collectively from maximum 3 projects during 1 year over the last 7 years preceding the date os submission of Bid in this connection it is request to qualify the bidder who have the experience of operation & maintenances of STP or sewerage network for a minimum one year. please consider request for healthy competition.		Bid condition shall be prevail.															
150				Tender document page 6 of 477, Sr. no. 7, it is mentioned that the bidder or his nominated sub-contractor has designed, built and commissioned sewerage network using trenchless technology for a minimum of 1.25 km of the proposed length of the network to be laid using trenchless technology, during the last 7 years preceding the date of submission of Bid. In this connection is request to qualify the bidder in this connection it is request to qualify the bidder who have completed the bidder or his nominated sub-contractor has built and commissioned sewerage network using trenchless technology for a minimum of 200 M length, during the last 7 years preceding the date of submission of Bid of which 100 m should be 1000 mm dia & above, please consider our request.		Bid condition shall be prevail.															
151				In tender document on page no 5 of 477, sr. no. 4 regarding treatment technology provider, but it is observed that near about 60% work of 22 MLD STP completed on ASP technology as on page no 44 of 477, please clarify that whatever treatment technology given by the bidder, accordingly STP to be construct OR remaining work of 22 MLD STP to be complete on ASP basis. pl. confirm.		Please refer addendum -1 Sr. no.3 & 5															
L&T																					
152	BOQ SI No 38	SI No 38	-	Hydraulic Jacking and Pushing : (For All Dia of Pipe from 150 mm to 1200 mm as per requirement and as per direction of E/I)	Hydraulic Jacking & Pushing method is only suitable for pipes of internal diameter equal to or greater than 700 mm. Hence, requesting you to reconfirm the method to be adopted for trenchless works having pipe dia lesser than 700 mm. The changes to be incorporated in BOQ as well. Kindly confirm.	Bid condition shall be prevail.															
153	ITB	14	1.1, f (c)	It is mentioned that "Payments will be made for the actual quantities as per rates quoted by the bidder and incorporated in the Contract. Rates for items not found in the original BOQ or variations in quantities from the original BOQ will be regulated as per provisions of the Contract."	Since construction of intermediate pumping stations listed under item rate BOQ, bidder understand that the quantity mentioned in the BOQ shall be tentative, the actual executed quantities and items shall be measured and paid at mutually agreed price. Kindly confirm.	Bid condition shall be prevail.															
154	Annexure, Revised Financial sheet, Bid Document	152 of 183 175 of 183 44 of 477	Design basis report of IPS-3 for hajipur and Hydraulic Design Calculation for IPS-4	Sewage flow rate for IPS	<div><div>The sewage flow for IPS mentioned in the annexure document is not matching with the flow details given in Indicative Sewage flow rate for IPS & Bid document. Kindly clarify.</div><table><tr><td></td><td>Flow as per Bid Document/ Indicative flow sheet (MLD)</td><td>Average Flow as per Annexure (Hydraulic Design Calculation) MLD</td></tr><tr><td>IPS 1</td><td>6 MLD</td><td>Not available</td></tr><tr><td>IPS 2</td><td>7 MLD</td><td>Not available</td></tr><tr><td>IPS 3</td><td>5 MLD</td><td>17.712</td></tr><tr><td>IPS 4</td><td>6 MLD</td><td>5.7</td></tr></table></div>		Flow as per Bid Document/ Indicative flow sheet (MLD)	Average Flow as per Annexure (Hydraulic Design Calculation) MLD	IPS 1	6 MLD	Not available	IPS 2	7 MLD	Not available	IPS 3	5 MLD	17.712	IPS 4	6 MLD	5.7	This is a DBOT contract. Bidder shall make his own assessment based on clause 3.3 of Bid Document, relevant standards and codes, and best engineering practices and have it approved by BUIDCo as existing infrastructures can be used in any type of technology. Awaited from IIT.
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155	Annexure	-		Hydraulic Design Calculation and Pumping Head Calculations	Please provide Hydraulic Design Calculation and Pumping Head Calculations for IPS 1 & IPS 2	This is a DBOT contract. Bidder shall make his own assessment based on clause 3.3 of Bid Document, relevant standards and codes, and best engineering practices and have it approved by BUIDCo as existing infrastructures can be used in any type of technology. Awaited from IIT.
Shree Hari Construction & Consultancy						
156		70		Qualification Criteria 1.4 (a) 2 : The bidder or his nominated sub-contractor has successfully Designed, developed, built, tested and commissioned at least one Sewage Treatment Plant with the same technology as proposed for this contract under clause 3.3 (a) of Instruction to Bidders for the lowest STP capacity mentioned in clause 1.4 (a) 1. above, operating successfully for a period of 1 year during the last 7 years preceding the month of publication of NIT.	Hajipur Sewerage and STP tender is invited under 4 th Call and seeking experience criteria from a nominated subcontractor is itself a big question on the capability of Bidder wherein Sewage Treatment Plant is the main component of the complete project. BUIDCo is requested to delete the “Nominated subcontractor” from the clause. Also the criteria of O&M must be increased to 2 years evident by experience certificate for better qualification. The said clause may thus be amended as: The bidder has successfully Designed, developed, built, tested and commissioned at least one Sewage Treatment Plant with the same technology as proposed for this contract under clause 3.3 (a) of Instruction to Bidders for the lowest STP capacity mentioned in clause 1.4 (a) 1. above, operating successfully for a period of 2 year during the last 7 years preceding the month of publication of NIT. The performance must be evident by the O&M certificate.	Refer Addendum No. 1. Sr.No.-2
157		71		Qualification Criteria. 1.4 (a) 5: It has designed, developed, built, tested and commissioned Sewerage Network of 111 KM length of the total scope of sewerage network collectively from maximum 3 projects during the last 7 years preceding the month of publication of NIT; of which 600 mtr should be above the pipe diameter (1000mm	In order to invite the firms with quality experience, the eligibility experience must be met through single project. Request to amend the said clause as: It has designed, developed, built, tested and commissioned Sewerage Network of 111 KM length of the total scope of sewerage network from single project during the last 7 years preceding the month of publication of NIT; of which 600 mtr should be above the pipe diameter (1000mm)	Refer Addendum No. 1. Sr.N.4
158		71		Qualification Criteria 1.4 (a) 6: It has designed, developed, built, tested and commissioned pumping stations having minimum capacity not less than 26 MLD collectively from maximum 3 projects during the during last 7 years preceding the month of publication of NIT.	In order to invite the firms with quality experience, the eligibility experience must be met through single project. Request to amend the said clause as: It has designed, developed, built, tested and commissioned pumping stations having minimum capacity not less than 26 MLD from a single project during the during last 7 years preceding the month of publication of NIT.	Bid condition shall be prevail.
159		71		Qualification Criteria 1.4 (a) 7: The bidder or his nominated sub-contractor has operated and maintained Sewerage Network of 111 KM length of the total scope of sewerage network collectively from maximum 3 projects during 1 year over the last 7 years preceding the month of publication of NIT	In order to invite the firms with quality experience, the eligibility experience must be met through single project. Request to amend the said clause as: The bidder or his nominated sub-contractor has operated and maintained Sewerage Network of 111 KM length in a single project for 2 year over the last 7 years preceding the month of publication of NIT.	Bid condition shall be prevail.

S.No	Section Reference	Page No	Section or Article No.	Tender Condition	Bidders Query	Reply
160		71		<p>Qualification Criteria</p> <p>1.4 (a) 8: The bidder or his nominated sub-contractor should have successfully operated and maintained sewerage pumping stations for capacity not less than 26 MLD collectively from maximum 3 during 1 year over the last 7 years preceding the month of publication of NIT.</p>	<p>In order to invite the firms with quality experience, the eligibility experience must be met through single project. Request to amend the said clause as:</p> <p>The bidder or his nominated sub-contractor should have successfully operated and maintained sewerage pumping stations for capacity not less than 26 MLD from a single project for 2 year over the last 7 years preceding the month of publication of NIT.</p>	Bid condition shall be prevail.
161		72		<p>Qualification Criteria</p> <p>1.7. Litigation History, Legal Matters and ESHS Performance The Bidder shall provide accurate information on the —Historical Contract Non-Performance Form and —Environmental Social Health and Safety (ESHS) Performance Declaration about contract non-performance, pending litigation and ESHS performance with respect to contracts completed or ongoing under its execution over the last five years. A consistent history of awards against the Bidder or any Partner of a joint venture may result in rejection of the Bid.</p>	<p>Since the clause if a part of Qualification and eligibility criteria we understand that any violation of Health & Safety Concerns by a prospective bidder in its last project which has resulted in its blacklisting / debarment (however the case if pending for court proceedings) may result in the rejection of the Bid of the proposed bidder. Kindly clarify.</p>	Bid condition shall be prevail.
162				Technical Specifications Type of Manholes	<p>Keeping in mind the estimate of the said works and past attempts of bid invitation by BUIDCo kindly clarify the specifications for manholes in sewerage section of works. From the approved estimate It is understood that the Bidder should consider brick manholes in its proposal. Please confirm.</p>	Please refer Addendum No. 1 Sr.N.- 10-17
Strike Point Constructions						
163				<p>Section 1 : Qualification Criteria</p> <p>Page no. 71</p> <p>1.4 (a) 4: The treatment technology proposed for this contract has been adopted..... required performance standards and environmental norms specified in the Contract) for a period of minimum 2 years over a period of last 7 years preceding the month of publication of NIT</p>	<p>Since the Plant is to be executed in India, therefore the reference technology proposed for the treatment must be evident in India only. It is requested to amend the said clause as :</p> <p>The treatment technology proposed for this contract has been adopted (not necessarily built by the bidder) in at least 3 locations in India during last 7 years preceding the month of publication of NIT and that such STP has been operating successfully (meeting the required performance standards and environmental norms specified in the Contract) for a period of minimum 2 years over a period of last 7 years preceding the month of publication of NIT.</p> <p>Care should be taken as Hajipur project was last awarded to Chinese firm which doesn't have the experience in India. It is worth mentioning that even after 10 years the project is still under invitation.</p> <p>Therefore evidence of technology in India meeting the said requirements shall be must and necessary.</p> <p>Please consider.</p>	Please refer addendum-1 , Sr.n.- 4 & 5
164				<p>Section 1 : Qualification Criteria</p> <p>Page no. 72</p> <p>1.7. Litigation History, Legal Matters and ESHS Performance</p> <p>The Bidder shall provide accurate information on the —Historical Contract Non-Performance Form and —Environmental Social Health and Safety (ESHS) Performance A consistent history of awards against the Bidder or any Partner of a joint venture may result in rejection of the Bid.</p>	<p>Keeping in mind the recent cases related to violation of Safety Norms by the Contractors which has caught Nation's attention towards stricter norms, therefore it is requested to kindly amend the said clause to invite more responsible bidders as under:</p> <p>The Bidder shall provide accurate information on the —Historical Contract Non-Performance Form and —Environmental Social Health and Safety (ESHS) Performance Declaration about contract non-performance, pending litigation and ESHS performance with respect to contracts completed or ongoing under its execution over the last five years. Bidder or any Partner of a joint venture having any ongoing litigation case related to Environmental Social Health and Safety (ESHS) violation in any contract under execution or completed during last five years or being debarment / blacklisted for the same in last five years shall result in rejection of the Bid</p>	Bid condition shall be prevail.

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165				Section 2. JOINT VENTURES 2.1. Qualification Criteria Additional Information requested	Towards the Eligibility Criteria for Joint Ventures, BUIDCO is requested to confirm : In case bidders are exhibiting their experiences in JV shall, will they be judged in proportional to their percentage participation share of JV. If Yes, we understand the bidder should attach the JV Agreement executed during application for works in support of experience claimed under Joint Venture arrangement. Please confirm.	Please refer Addendum 1 Sr.N.- 9																								
166				Proposed Technology for the said works and Bidders experience	For proposed technology, it is understood that the Bidder must adhere to the technology proposed and must present its eligibility on the experience on same technology/. Is any variation describing the similarity or succession between the technologies is allowed in this Bid. Kindly confirm	Bid condition shall be prevail.																								
167				Section 2. JOINT VENTURES 2.1. Qualification Criteria Additional Information requested	Towards the Eligibility Criteria for Joint Ventures, BUIDCO is requested to confirm : In case bidders being judged in proportional to their percentage participation share of JV. Please confirms that bidder claiming experience of JV must have percentage participation of 26% in the said JV arrangement else experience of such firm shall not be considered for evaluation. Please confirm.	Please refer Addendum 1 Sr.N.- 9																								
168				Financial Bid	Please confirm that for the Price Quoted by the bidder the must be inclusive of GST OR exclusive of GST. Kindly confirm.	Please see the reply of Serial no. 134																								
Sattva Engineering Construction Pvt. Ltd.																														
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169	ITB 1.1 (c)	Page 44 of 477		<table><tr><td>6</td><td>Centrifuge Building</td><td>70% Civil work completed</td><td>30% Civil work, finishing and testing is remaining</td></tr><tr><td>7</td><td>Chlorine Tonner Shed</td><td>70% Civil work completed</td><td>30% Civil work, finishing and testing is remaining</td></tr><tr><td>8</td><td>Aeration tank</td><td>Only excavation work is completed</td><td></td></tr><tr><td>9</td><td>Terminal Pumping Station</td><td>Only excavation work is completed</td><td></td></tr><tr><td>10</td><td>Internal Road & Drain Work</td><td>No any work is executed</td><td></td></tr><tr><td>11</td><td>Boundary Wall</td><td>700 mtr Boundary Wall completed</td><td>115 mtr Boundary Wall remaining</td></tr><tr><td>12</td><td>Electro Mechanical Work</td><td>No any work is executed</td><td></td></tr><tr><td colspan="4">Note: It is advised to bidder to visit the site to access actual site condition</td></tr><tr><td colspan="4"></td></tr></table>	6	Centrifuge Building	70% Civil work completed	30% Civil work, finishing and testing is remaining	7	Chlorine Tonner Shed	70% Civil work completed	30% Civil work, finishing and testing is remaining	8	Aeration tank	Only excavation work is completed		9	Terminal Pumping Station	Only excavation work is completed		10	Internal Road & Drain Work	No any work is executed		11	Boundary Wall	700 mtr Boundary Wall completed	115 mtr Boundary Wall remaining	12	Electro Mechanical Work	No any work is executed		Note: It is advised to bidder to visit the site to access actual site condition								mg/l. along with biological removal of Nitrogen & Phosphorus) cannot be achieved with existing structure, Moreover earliest bidder was disqualified on the basis of the not utilizing of the existing structure. Please clarify how current effluent parameters will be achieved with the utilization of existing structure. Also clarify how the new contractor can give performance guarantee of treated effluent based on old structure.	Please refer addendum -1 Sr. no. 5
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Note: It is advised to bidder to visit the site to access actual site condition																																										
170	13.1.11. Design Responsibilities	Page 208 of 477		<p>Selection adoption and detailed engineering Designs for the most appropriate Designs for the most appropriate techno economically feasible cost effective treatment process technology for the treatment of the sewage ensuring that the treated sewage meets with the stringent of the disposal standards prescribed by the NGT and in the contract as may be applicable</p> <table><tr><th>S. No</th><th>Parameters</th><th>Parameters Limit (Standards)</th></tr><tr><td>1</td><td>pH</td><td>5.5 – 9.0</td></tr><tr><td>2</td><td>BOD (mg/l)</td><td>Not more than 10</td></tr><tr><td>3</td><td>COD (mg/l)</td><td>Not more than 50</td></tr><tr><td>4</td><td>TSS (mg/l)</td><td>Not more than 20</td></tr><tr><td>5</td><td>Total Nitrogen</td><td>Not more than 10</td></tr><tr><td>6</td><td>Total Phosphorous</td><td>Not more than 1</td></tr><tr><td>7.</td><td>Fecal Coliform (MPN/100ml)</td><td>Desirable -100, Permissible- Not more than 230</td></tr></table>	S. No	Parameters	Parameters Limit (Standards)	1	pH	5.5 – 9.0	2	BOD (mg/l)	Not more than 10	3	COD (mg/l)	Not more than 50	4	TSS (mg/l)	Not more than 20	5	Total Nitrogen	Not more than 10	6	Total Phosphorous	Not more than 1	7.	Fecal Coliform (MPN/100ml)	Desirable -100, Permissible- Not more than 230	The Sewage Treatment Plant, in which almost 60% civil construction has been constructed on Activated Sludge Process technology, which is not suitable to achieve the outlet Design Responsibilities. To achieve the outlet Design Responsibilities we have to redesign the plant based on other suitable technology (i.e A2O, SBR etc.). All the process structure has to redesigned and constructed based on new adopted technology & existing process structures has to be demolished. However we understand that common general purpose infrastructure can be utilized. In our understanding without demolishing the existing process structure the parameter cannot be achievable. Please elaborate and clarify.	Please refer addendum -1 Sr. no. 5												
S. No	Parameters	Parameters Limit (Standards)																																								
1	pH	5.5 – 9.0																																								
2	BOD (mg/l)	Not more than 10																																								
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S.No	Section Reference	Page No	Section or Article No.	Tender Condition	Bidders Query	Reply
171	ITB 1.1 (C) & 13.1.11. Design Responsibilities	Page 208 of 477		The Existing STP Structures status and layout has been attached with bid document. & Selection adoption and detailed engineering Designs for the most appropriate techno economically feasible cost effective treatment process technology for the treatment of the sewage.	Referring to the tender clauses ITB 1.1 (C) & 13.1.11. Design Responsibilities we would like to highlight that the above referred conditions are contradictory to each other. One states to use the existing structure however design responsibility states to use new suitable process technology to achieve latest parameters mentioned in bid doc. Moreover bid document states that contractor has responsibility to access the existing structures and site conditions and confirm the process guarantees. In such scenario we a bidder are confused to work and assure the process guarantees. Moreover Earlier prequalified bidder was disqualified on the basis of the not utilizing of the existing structure. Please guide how to choose process for the sustainable development of project with due process guarantees.	Please refer addendum -1 Sr. no. 5
172	1.11			Outfall manhole STP site high flood level (through local enquiry)-47.00 m	The High flood level mentioned in document is 47 m and verifications is the contractors responsibility but we visited the site and verify the high flood level it is found 50m. So as disposal point has to be above the High flood level hence we cannot use the existing structures which are constructed below the high flood level. Please clarify and confirm the Exact High Flood level. Since Bihar comes under high risk zone to floods and in such scenario, if plant will sink during monsoon and flood post commissioning then in that case contractor shall not be responsible for the economic and environmental losses. Plz confirm and clarify.	Please see the reply of serial no-147.
173		Page 393 of 477		31.3 RCC Manholes	During budget preparation it seems that RCC manhole are not considered in the budget kindly clarify.	Please see the reply of serial no-148.
174	Qualification Criteria	70 of 477		1.4 (a) 1: The Bidder shall provide evidence that it has Designed, developed, built, tested and commissioned at least 1 STP of 18MLD or 2 STP of 13 MLD or 3 STP of 9 MLD of the same technology as proposed for this contract under Clause 3.3 (a) of Instructions To Bidders during last 7 years preceding the month of publication of NIT.	The STP Component is a complex part of the project and need to be executed by the experienced contractor, Also care should be taken to seek reference of experience wherein the STP is designed in the near matching parameters as proposed by NGT. It is therefore requested to seek the reference experience of STP from the bidder who has executed the same as Sole contractor or lead partner of a JV in last 7 years , request you to reframe the experience criteria as The Bidder shall provide evidence that (being a sole contractor or lead partner in a JV) it has Designed, developed, built, tested and commissioned at least 1 STP of 18 MLD or 2 STP of 13 MLD or 3 STP of 9 MLD of the same technology as proposed for this contract under Clause 3.3 (a) of Instructions To Bidders during last 7 years preceding the month of publication of NIT. The STPs Must be designed to meet the statutory contractual effluent parameters of: BOD \leq 10 mg/l; COD \leq 50 mg/l; TSS \leq 10 mg/l ; TP \leq 2 mg/l & TN \leq 10 mg/l . Further we understand that these parameters / effluent guarantees shall be the "Statuary requirement" stated in the tender of past experience claimed and the relevant copy of Design Document / Contract Agreement must be attached with the experience certificate.	Please refer Addendum No. 1. Sr.N.-1

S.No	Section Reference	Page No	Section or Article No.	Tender Condition	Bidders Query	Reply
175	Qualification Criteria	70 of 477		<p>1.4 (a) 2 : The bidder or his nominated sub-contractor has successfully Designed, developed, built, tested and commissioned at least one Sewage Treatment Plant with the same technology as proposed for this contract under clause</p> <p>3.3 (a) of Instruction to Bidders for the lowest STP capacity mentioned in clause 1.4 (a) 1. above, operating successfully for a period of 1 year during the last 7 years preceding the month of publication of NIT.</p>	<p>Hajipur Sewerage and STP tender is invited under 4th Call and seeking experience criteria from a nominated subcontractor is itself a big question on the capability of Bidder wherein Sewage Treatment Plant is the main component of the complete project. BUIDCo is requested to delete the "Nominated subcontractor" from the clause. Also the criteria of O&M must be increased to 2 years evident by experience certificate for better qualification. The said clause may thus be amended as:</p> <p>The bidder has successfully Designed, Developed, built, tested and commissioned at least one Sewage Treatment Plant with the same technology as proposed for this contract under clause 3.3 (a) of Instruction to Bidders for the lowest STP capacity mentioned in clause 1.4 (a) 1. above, operating successfully for a period of 2 year during the last 7 years preceding the month of publication of NIT.</p> <p>The performance must be evident by the O&M certificate.</p>	Please refer Addendum No. 1. Sr.N.- 2
176	Qualification Criteria	70 of 477		<p>1.4 (a) 3: The Bidder has the experience in operating and maintaining successfully at least 1 STP of 18 MLD or 2 STP of 13 MLD or 3 STP of 9 MLD STP during 1 year over the last 7 years preceding the month of publication of NIT.</p>	<p>The STP Component and Its O&M being a complex part of the project and need to be executed and maintained by an experienced contractor having evidence of meeting effluent parameters nearly matching with the parameters proposed by NGT. Therefore we request you to reframe the experience criteria as:</p> <p>The Bidder has the experience in operating and maintaining successfully at least 1 STP of 18 MLD or 2 STP of 13MLD or 3 STP of 9 MLD STP meeting the statutory contractual effluent parameters of: BOD ≤ 10 mg/l; COD ≤ 50 mg/l; TSS ≤ 10 mg/l ; TP ≤ 2 mg/l & TN ≤ 10 mg/l . for a period of 2 year during the last 7 years preceding the month of publication of NIT.</p> <p>Further we understand that these parameters/effluent guarantees shall be the "Statutory requirement" stated in the tender of past experience claimed and the relevant copy of Design document/contract agreement must be attached with the experience certificate.</p>	Bid condition shall be prevail.
177	Qualification Criteria	71 of 477		<p>1.4 (a) 4: The treatment technology proposed for this contract has been adopted (not necessarily built by the bidder) in at least 3 locations during last 7 years preceding the month of publication of NIT and that such STP has been operating successfully (meeting the required performance standards and environmental norms specified in the Contract) for a period of minimum 2 years over a period of last 7 years preceding the month of publication of NIT.</p>	<p>Since the Plant is to be executed in India, the reference technology proposed for the treatment must be evident in India only. Therefore it is requested to amend the said clause as:</p> <p>The treatment technology proposed for this contract has been adopted (not necessarily built by the bidder) in at least 3 locations in India during last 7 years preceding the month of publication of NIT and that such STP has been operating successfully (meeting the required performance standards and environmental norms specified in the Contract) for a period of minimum 2 years over a period of last 7 years preceding the month of publication of NIT.</p>	Bid condition shall be prevail.
178	Qualification Criteria	71 of 477		<p>1.4 (a) 5: It has designed, developed, built, tested and commissioned Sewerage Network of 111 KM length of the total .scope of sewerage network collectively from maximum 3 projects during the last 7 years preceding the month of publication of NIT; of which 600 mtr should be above the pipe diameter (1000mm)</p>	<p>In order to invite the firms with quality experience, the eligibility experience must be met through. single project. Request to amend the said clause as:</p> <p>It has designed, developed, built, tested and commissioned Sewerage network of 111 km length of the total scope of sewerage network from single project during the last 7 years preceding the month of publication of NIT; of which 600 mtr should be above the pipe diameter 1000mm)</p>	Please refer Addendum No. 1. Sr.No.4

S.No	Section Reference	Page No	Section or Article No.	Tender Condition	Bidders Query	Reply
179	Qualification Criteria	71 of 477		i.4 (a) 6: It has designed, developed, built, tested and commissioned pumping stations having minimum capacity not less than 26 MLD collectively from maximum 3 projects during the during last 7 years preceding the month of publication of NIT.	In order to invite the firms with quality experience, the eligibility experience must be met through single project. Request to amend the said clause as It has designed, developed, built, tested and commissioned pumping stations having minimum capacity not less than 26 MLD from a single project during tne during last 7 years preceding the month publication of NIT. ☒	Bid condition shall be prevail.
180	Qualification Criteria	71 of 477		1.4 (a) 7: The bidder or his nominated sub-contractor has operated and maintained Sewerage Network of 111 km length of the total scope of sewerage net work collectively from maximum 3 projects during one year over the last 7 years preceding the month of publicatit:n of NIT.	In order to invite the firms with quality expcience, the eligibility expérience must be met through single. project. request to amend the said clause as: The bidder or his nominated sub-contractor has operated and maintained Sewerage Network of 111 km length in a single project for 2 year over the last 7 years preceding the month of publication of NIT	Bid condition shall be prevail.

S.No	Section Reference	Page No	Section or Article No.	Tender Condition	Bidders Query	Reply
181	Qualification Criteria	71 of 477		1.4 (a) 8: The bidder or his nominated sub-contractor should have successfully operated and maintained sewerage pumping stations for capacity not less than 26 MLD collectively from maximum 3 during 1 year over the last 7 years preceding the month of publication of NIT.	In order to invite the firms with quality experience, the eligibility experience must be met through single project. Request to amend the said clause as: The bidder or his nominated sub-contractor should have successfully operated and maintained sewerage pumping stations for capacity not less than 26 MLD from a single project for 2 year over the last 7 years preceding the month of publication of NIT.	Bid condition shall be prevail.
182	Qualification Criteria	72 of 477		1.7. Litigation History, Legal matters and ESHS Performance The Bidder shall provide accurate information on the—Historical Contract Non-Performance Form and—Environmental Social Health and Safety (ESHS) Performance Declaration about contract non-performance, pending litigation and ESHS performance with respect to contracts completed or ongoing under its execution over the last five years. A consistent history of awards against the Bidder or any Partner of a joint venture may result in rejection of the Bid.	Since the clause if a part of Qualification and eligibility criteria we understand that any violation of Health & Safety Concerns by a prospective bidder in its last project which has resulted in its blacklisting / debarment (however the case if pending for court proceedings) may result in the rejection of the Bid of the proposed bidder. Kindly clarify.	bid condition shall be prevail.
183	Section 2 Joint Venture	72 of 477		2.1 Qualification Criteria The Joint Venture partners shall together satisfy the criteria specified in Sections 1.4 (a) (1), 1.4(a) (3), 1.4 (a) (5) and 1.4 (a) (6). b. The joint venture partners or nominated sub-contractor (s) shall satisfy the requirements specified in section 1.4(a) (2), 1.4 (a) (7), 1.4 (a) (8) & 1.4 (a) (9). c. The Joint Venture partners shall jointly satisfy all the requirements specified in Section 1.4 of qualification Criteria. d. For the purpose of satisfying the qualification criteria set out in Section 1.5, Joint Venture partners must satisfy the following qualification criteria :	In order to invite the quality firms for executing a Joint venture / consortium the qualification criteria for joint venture must be amended as below: 2.1. Qualification Criteria a. The Lead partners should satisfy the criteria specified in sections 1.4 (a) (1), 1.4 a (2) & 1.4 (a) (3) b. The Joint Venture partners shall together satisfy the criteria specified in Sections, 1.4 (a) (5) & 1.4 (a) (6). c. Any of the joint venture partners shall satisfy the requirements specified in Sections 1.4 (a) (7), 1.4 (a) (8) & 1.4 (a) (9). d. The Joint Venture partners shall jointly satisfy all the requirements specified in Section 1.4 of Qualification Criteria as stated in clause 2.1 (a). (b) & (c).	Please refer Addendum No. 1 Sr.No. 9
184	Section 2 Joint Venture				In order to invite bidder of good repute with qualify experience it is requested to kindly included the criteria as under Each JV partner shall have experience of building & commissioning either an STP or Sewerage Network during the last 7 years. Please confirm.	Please refer Addendum No. 1 Sr.No. 9