

## Pre-bid Query Reply

Name of Work: Buxar STP and Sewerage Network Project.					
NIT. No:- BUIDCo/Yo-1195/19(P-2)-189 (IN-NMCG-169089-CW-RFB) Date: 19.12.2020					
1. Bidder Name: Ashwath Infratech Pvt. Ltd.					
S.No	Section Reference	Page No.	Section or Article No.	Question / Query / Clarification / Comment	BUIDCo Reply
1	Amount of Bid Security: INR 20 Million (Rupees Twenty Million Only.) AND 19. EMD Not required as per NMCG Office Memorandum TE-16011/2/2020-O/oPS NMCG Dated 24.11.2020. However a "form of bid security declaration" is attached with bid document which must be submitted by bidder.	Page 47 of 591 Page 3 of 3	ITB 3.4(a) INVITATION FOR BIDS (IFB)	There is an Ambiguity in both Mentioned clause of Tender Documents. One clause provided that EMD is required of 20 Million during Bidding & other clause is saying No EMD required as per NMCG Office Memorandum TE-16011/2/2020-O/o PS NMCG Dated 24.11.2020. However a –form of bid security declaration is attached with bid document which must be submitted by bidder.  To have better clarity, Please make Earnest Money (EMD) Amount as nil in line with Circular No. F.9/4/2020-PPD, Dated 12.11.2020 (Copy Attached for your ready Reference) issued by Department of Expenditure, Ministry of Finance, Government of India.  We request you to kindly make Bid Security/EMD/Proposal Security payment as Nil in all related Tender Documents.	Addendum no-1, sl no.-1
2	19. EMD Not required as per NMCG Office Memorandum TE-16011/2/2020-O/oPS NMCG Dated 24.11.2020. However a "form of bid security declaration" is attached with bid document which must be Submitted by bidder.	Page 3 of 3	INVITATION FOR BIDS (IFB)	Bid Security Declaration form is missing in Tender Documents. Kindly provide a Form for Bid Security Declaration as mentioned in respective Clause.	Already Declaration attach on Pg. 552 on Bid document
3	Amount of Performance Security: 9 % of the total Contract Price, Amount of Environmental, Social, Health and Safety (ESHS) Performance Security 1% of the total Contract Price,	Page 48 of 591	ITB 6.5	Please reduce the Performance Guarantee from 10% to 3% in line with Circular No. F.9/4/2020-PPD, Dated 12.11.2020 (Copy Attached for your ready Reference) issued by Department of Expenditure, Ministry of Finance, Government of India. In view of above Performance Security Deposit Amount shall be 3% of the Contract Amount.	Addendum no-1, sl no.-2
4	(3) The Performance Security is a bank guarantee and shall be issued by either, (a) A bank or insurance company located in the Country; or (b) A foreign bank or insurance company through a correspondent bank or insurance company located in the Country.	Page 144 of 591	5.5.1. Performance Security	We Request you to kindly consider our request for Performance Bank Security in the form of Surety Bond/ Bank guarantee and shall be issued by either,  (a) A bank or insurance company located in the Country; or  (b) PFIs/ foreign bank or insurance company through a correspondent bank or insurance company located in the Country.	Bid condition shall prevail.
5	5.5.2. Advance Payment Security (1) The Operator shall provide a security in an amount equal to the advance payment calculated in accordance with the Terms and Procedures of Payment Schedule and in the same currency or currencies.	Page 145 of 591	5.5.2. Advance Payment Security	In which form & issuing Authority not mentioned in Tender Documents for Advance Payment Security. We Request you to kindly consider our request for Advance Payment Security in the form of Surety Bond/ Bank guarantee and shall be issued by either, (a) A bank or insurance company located in the Country; or (b) PFIs/ foreign bank or insurance company through a correspondent bank or insurance company located in the Country.	Bid condition shall prevail.
6	Drawing 8		Drawing 8	8 Number Drawing for Location Plan of IPS-1. The above is not legible/Readable to have assess clear Dimensions idea of IPS-1. You are requested to provide legible/readable Layout of IPS-1.	Available drawing uploaded in e-proc

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7	IPS-1: Avg. Flow 106.185 LPS, Peak Flow = 248.789 LPS for mid-year and, Avg. Flow 151.427 LPS, Peak Flow = 350.586 LPS for ultimate year) at 2041. (Constructed 30%)	Page 43 of 591	ITB 1.1 (d)	As per tender detail, IPS-1 is already constructed @ 30%, In view of this fact, Please arrange to provide some urgent detail as below.  1. Layout Drawing of IPS-1 against earlier Constructed 30% 2. Hydraulic Drawing of IPS-1 against earlier Constructed 30% 3. General Arrangement Drawings of IPS-1 against earlier Constructed 30% In absence all above required details, It's not possible for Bidder to drive the Tender Value. You are requested to Please provide all above required details to enable Bidders to estimate an effective value.	Available drawing uploaded in e-proc
8	Drawing 9		Drawing 9	9 Number Drawing for Location Plan of IPS-2. The above is not legible/Readable to have assess clear Dimensions idea of IPS-2. <b>You are requested to provide legible/readable Layout of IPS-2.</b>	Available drawing uploaded in e-proc
9	The Sewerage Network is about 67 KM in length	Page 43 of 591	ITB 1.1 (d)	In Tender Documents Details for 67Km Sewerage Network not available, Please provide necessary details for estimation as below, 1. Pipe Length, Diameter, MOC. 2. Type of Road for Excavation and Restoration. 3. Numbers of Manhole with details (like Manhole Diameter, Depth etc.) 4. Number of House Chamber with detail. 5. Route Drawing of Proposed Sewerage Network (67Km). In absence all required above details not possible for Bidder to drive the Tender Value. You are requested to Please provide all above required details to enable Bidders to estimate an effective value.	All these detail already attach with bid document. Bidder should also visit the site before quote the tender.
10	For STP details of work completed mention below. 1. Aeration tank – RCC, 3rd lift wall casting completed (72%) 2. Stilling chamber/mechanical fine screen channel/mechanical grit chamber/ parshell fume channel – 45% 3. Secondary clarifier – Final lift completed (90%) 4. Gravity sludge thickener – 5th lift shuttering completed (90%) 5. Chorine contact tank – Final lift wall completed (90%) 6. Administrative building and PMCC room – RCC up to plinth beam completed (18%) 7. Boundary Wall – 67% 8. Centrifuge shed – RCC upto plinth beam completed (9%) 9. Chlorination room with chlorine tonner shed – Up to FFI brick work (50%) 10. Return sludge sump – Final lift completed (86%)	Page 44 of 591	ITB 1.1 (d)	As per our understanding STP-16MLD is partially constructed in other one Tender and now BUIDCO rise a new Tender, So for estimation purpose Bidders required some urgent detail as below.  1. Hydraulic Drawing of Sewage Treatment Plant. 2. P&ID of STP 3. Civil GA Drawings of all partially constructed Structures of STP as mentioned in respective clause. 4. Mechanical GA to understand bidder against civil structure designed accordingly Bidders will estimate. 5. Process Calculation of STP-16 MLD, So that bidder can understand that existing structures of STPs are feasible for Design flow or Not.	Following available drawing/Diagramme is uploaded in e-proc:-(1)IPS 1&2 Layout plan cum hydraulic flow diagramme (2)IPS 1&2process & instrumentation diagram (3)civil G.A drawing and detail of boundary wall for stp (4)Hydraulic flow diagramme.

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11	<p>d. Scope of work: The bidders scope of work shall include(i) design and build sewage treatment plant of installed capacity indicated in the Bid Data Sheet and all appurtenant structures and allied works; AND For STP details of work completed mention below.</p> <p>1. Aeration tank – RCC, 3rd lift wall casting completed (72%) 2. Stilling chamber/mechanical fine screen channel/mechanical grit chamber/ parshell fume channel – 45% 3. Secondary clarifier – Final lift completed (90%) 4. Gravity sludge thickener – 5th lift shuttering completed (90%) 5. Chlorine contact tank – Final lift wall completed (90%) 6. Administrative building and PMCC room – RCC up to plinth beam completed (18%) 7. Boundary Wall – 67% 8. Centrifuge shed – RCC upto plinth beam completed (9%) 9. Chlorination room with chlorine tonner shed – Up to FFI brick work (50%) 10. Return sludge sump – Final lift completed (86%)</p>	<p>Page 11 of 591</p> <p>Page 44 of 591</p>	<p>INSTRUCTIONS TO BIDDERS Section 1 Introduction 1.1 Source of Funds &amp; Scope of work ITB 1.1 (d)</p>	<p>In Tender documents clearly mentioned that all survey &amp; Design work for Sewage Treatment Plant is in scope of work/Bidders Whereas in Bid Data sheet mentioned that partially STP work already completed.</p> <p>The above statement is contradictory to each other. Also please clarify that if Bidder will design a New STP than how can be earlier structures be used (which are partially completed)</p> <p>Kindly clarify.</p>	Bid condition shall prevail.
12	The prices quoted by the Bidder for BOQ items,	Page 47 of 591	ITB 3.11 b(4)	As a normal practice, Please provide BOQ at free of cost, So that bidder can understand work in detailed and also effectively work out the estimation.	Bid condition shall prevail.
<b>2. Bidder's Name: Toshiba Water Solutions Pvt. Ltd.</b>					
13	3.6 Technical Section – Part IV - Joint Venture Documents and Requirements Sub Clause (b)	28	Section 3 Preparation of Bids	Kindly reconfirm our understanding that in case of Joint Venture submitting the bid, "Letter of Intent" ( <i>as per format provided under Annexure A - Part K to execute a Joint Venture Agreement in the event of a successful bid</i> ) and "Copy of proposed Draft of Joint Venture Agreement" are required to be submitted with the Bidder's submittals.	Bid condition shall prevail.
14	4.1 Sealing and Marking of Bids	33	Section 4 – Submission of Bids	Kindly re-confirm our understanding that bidder needs to submit hard copy of the original Bid Security, Power of Attorney, JV agreement, the proof of payment of price of Bidding Document and processing fee in a sealed envelope to the Bihar Urban Infrastructure Development Corporation Limited[Executing Agency]	Addendum no-1, sl no.-4,5
15	Annexure A – Part e Format of curriculum vitae (CV) for proposed key staff.	64, 81-87  (Information Form)	Schedule A to the Bidding Documents	Multiple CV formats are provided in the bid documents and are mere repetition of the candidate's experience proposed by the bidder It is requested to kindly allow submission of Curriculum Vitae for proposed manpower organization for this project in a single detailed format as per "Annexure A – Part e". Kindly confirm	Bid condition shall prevail.

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16	INFORMATION FORM (2A) Ref. Annexure A Part h - Section 1.5 Financial Capability Information # Note No. 7	75	INFORMATION FORM	We understand that certificate from Registered Chartered Accountant of the company specifying the Net Worth and Net Cash Accruals of the bidder shall be acceptable by BUIDCO. Kindly confirm.	Bid condition is self explanatory
17	Financial Capabilities	70	Clause 1.5 (c)	We understand that bidders who have latest audited Balance sheet of FY 2019-2020 can include the same for submission of last five year balance sheet. Kindly confirm.	Addendum no-1, sl no.-3
18	Retention			Our understanding is that there would not be any deductions from RA bills towards retention money. Kindly confirm.	Bid condition is self explanatory
19	Clause 5.5.1 (2) (a)	181	The Operator shall provide a Performance Security of 9% & ESHS Performance Security of 1% of the total Contract Price	We request the department to accept the performance security of only construction phase before the start of construction and separate performance security for O&M phase before the start of Operation & Maintenance which shall be valid for 3yrs and renewed accordingly. Kindly consider.	Bid condition shall prevail.
20	Provisional Sum		General	Kindly confirm the amount of provisional sum dedicated for this project.	Bid condition shall prevail.
21	Clause 5.2 – Terms of Payment	181	Clause 5.2 (3) – Terms of Payment	We understand that payment realization cycle is 60 days for this project. Kindly confirm.	Bid condition shall prevail.
22	Schedule 7 LIQUIDATED DAMAGES - OPERATIONS	290	Article 1	We understand that maximum amount of Liquidated Damages Performance for STP shall be equivalent to maximum limit of Performance Security amount available with the owner at the time of occurrence. Kindly Confirm.	Bid condition shall prevail.
23	Schedule 7 LIQUIDATED DAMAGES - OPERATIONS	291	Article 2	Kindly confirm the maximum amount of liquidated damages performance applicable on Sewerage Network in this project.	Bid condition shall prevail.
24	Functional Guarantees	167	Clause 9.12	Kindly confirm the functional guarantees to be consider for this project.	Bid condition shall prevail.
25	ARTICLE 4. OBLIGATIONS OF THE OWNER ARTICLE 17. COMMISSIONING AND OPERATIONAL ACCEPTANCE	Page 142 & 216	4.1 <u>Owner shall obtain consent from</u> the respective pollution control board/authority and all other requisite clearances to establish and operate the STP unless the same have been obtained already & 16.5 b. The operator shall be responsible to obtain consent to operate in compliance to consent to establish from UPPCB / CPCB.	Obligation to obtain the requisite clearances to establish and operate the STP has been delegated to OWNER and OPERATOR under different section of the tender document as specified in the referred clauses. However since BUIDCO is the owner of the project and is responsible to obtain all clearances before issuing the project thus we understand that such clearances of establishing “ Consent to Operate” shall be the responsibility of OWNER. Kindly confirm.	Buidco will assit to contractor to obtain NOC/Clearance for different department.Taking NOC/Clearance is in scope of Bidder.
26	Bid data Sheet ITB 6.5 Performance Security	Page 48	Amount of Performance Security (9%+1%): 9 % of the total Contract Price,	Please note that as per the Notification for reducing the performance Security to 3 &% of the Total value of contract was issued under memorandum No. F.9/4/2020-PPD issued by “Government of India, Ministry of Finance, Department of Expenditure, Procurement Policy Division” is attached herewith as Attachment II. (Kindly Refer)  In view of the same, we request U P Jal Nigam to issue amendment to the performance security in line to the Office memorandum from Ministry of Finance, Department of Expenditure, Procurement Policy Division. Kindly confirm.	Please refer Addendum -1,sl no.-2

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27	Bid Data Sheet Bid Security	Page 47	ITB 3.4(a)	<p>Since the tender is invited by U P Jal Nigam for National Mission For Clean Ganga under Namami Gange Programme and as per NMCG Office Memorandum TE-16011/2/2020-0/o PS NMCG Dated 24.11.2020 the EMD is not required to be submitted as a part of Bid document. However a bid security declaration in place of Bid security is allowed to be submitted by the bidder.</p> <p>Notification for replacement of provision of Bid Security with bid Securing declaration was issued under memorandum No. F.9/4/2020-PPD dated 12th Nov 2020 issued by "Government of India, Ministry of Finance, Department of Expenditure, Procurement Policy Division" is attached herewith as Attachment I. (Kindly Refer)</p> <p>We therefore request U P Jal Nigam to kindly consider the said request for exempting the bidders from submitting the Bid Security and replacing the same with Bid Securing declaration for this tender. Kindly confirm.</p>	Please refer Addendum -1,sl no.-1
28	Hard Copy Submission	2	NIT Point No. 8&9	We request the department to kindly accept the hard copy requisite documents till next day of online bid submission. i.e. 30.1.2021. Kindly confirm.	Bid condition shall prevail.
Process Queries					
29	ARTICLE 13.DESIGN SERVICES	Page 196 of 591	Selection, adoption and detailed engineering 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 Hon'ble NGT and in the contract as may be applicable. These standards are prescribed below	<p>As Inlet Parameter are not mentioned in the tender Kindly provide inlet parameters like: pH, BOD, COD, TSS, NH4 -N, TKN, and Phosphorus for design consideration.</p> <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 ≤ 10 mg/l and TSS ≤ 20 mg/l. along with biological removal of Nitrogen &amp; Phosphorus) cannot be achieved with existing structure. Please clarify how current effluent parameters will be achieved with the utilization of existing structure.</p> <p>Also clarify how the new contractor can give performance guarantee of treated effluent based on old structure</p>	uploded in e-proc.
30	ARTICLE 13.DESIGN SERVICES	Page 197of 591	Preparation of Design development documents, based on the approved HFD  /schematic Design documents accepted by the Owner, consisting of drawings and other documents appropriate to the size of the 16 MLD STP to describe the units and character of the entire proposed plant including architectural, mechanical, civil works, and electrical systems, materials, operations, landscaping, and such other elements as may be appropriate; systems, materials, operations, landscaping, and such other elements as may be appropriate;	For the preparation of the HFD please provide the HFL (High Flood Level) for the Land allotted to the STP Plot.	All available data is attached with bid document.It is advised to bidder to visit the side and make his own assessment.
31	ARTICLE 13.DESIGN SERVICES 13.1.2.		Provisions for power generation units(if power generation is found feasible), engine rooms with gas engines and accessories )	Please confirm the power generation is optional or Mandatory.	Bid condition shall prevail.

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32	ARTICLE 13.DESIGN SERVICES 13.1.3.	Page 193 of 591	Minimum clear distance of 6 m shall be allowed between adjacent units of treatment or fixed structures to permit safe and convenient access for operation and maintenance;	As Existing Structures already constructed proposed units to be constructed Adjacent to the existing units We presume that clear distance of 3 M will be sufficient for safe and convenient access for operation and maintenance. Please clarify	Bid condition shall prevail.
33	Bid Data Sheet ITB 1.1 (d)	Page 44 of 591	For STP details of work completed mention below. 1. Aeration tank – RCC, 3rd lift wall casting completed (72%) 2. Stilling chamber/mechanical fine screen channel/mechanical grit chamber/ parshell fume channel – 45% 3. Secondary clarifier – Final lift completed (90%) 4. Gravity sludge thickener – 5th lift shuttering completed (90%) 5. Chorine contact tank – Final lift wall completed (90%) 6. Administrative building and PMCC room – RCC up to plinth beam completed (18%) 7. Boundary Wall – 67% 8. Centrifuge shed – RCC upto plinth beam completed (9%) 9. Chlorination room with chlorine tonner shed – Up to FFI brick work (50%) 10. Return sludge sump – Final lift completed (86%)	As these structures are constructed in 2013 please provide Current conditions of these civil structures (Like any NDT test for the structures report is available).	This construction has been done in 2017-2018. Bidder have to access & quote accordingly. Bidder must be visitr the site before quoting
Electrical Queries					
34	Schedule10 TECHNICAL SPECIFICATIONS FOR CONSTRUCTION AND OPERATION AND MAINTENANCE PHASE	363	1.4.8 Specifications for Power Transformer	Please confirm the following 1. Type: Oil / Dry 2. Tap changer type : OLTC / OCTC	This is the DBOT Project, bidder shall makev his own assessment based on relevent standared and codes and best engineering practices and have it apporoved by Buidco.
35	Schedule10 TECHNICAL SPECIFICATIONS FOR CONSTRUCTION AND OPERATION AND MAINTENANCE PHASE	363	1.4.7 Specifications for Diesel generating set	Duty type (continuous /stand by operation) is not defined, kindly confirm.	This is the DBOT Project, bidder shall makev his own assessment based on relevent standared and codes and best engineering practices and have it apporoved by Buidco.
36	Schedule10 TECHNICAL SPECIFICATIONS FOR CONSTRUCTION AND OPERATION AND MAINTENANCE PHASE	364	1.4.9 Specifications for Air Break Star –Delta, Switch Starter Panel with Control Panel	Motor feeder Type with ratings are not defined, so bidder is considering as follows, kindly confirm: 1. DOL: up to 5.5 kW 2. S/D: From 7.5 kW to <75 kW 3. Soft Starter: Above 75 kW 4. VFD: As per process requirement	This is the DBOT Project, bidder shall makev his own assessment based on relevent standared and codes and best engineering practices and have it apporoved by Buidco.
37	Schedule10 TECHNICAL SPECIFICATIONS FOR CONSTRUCTION AND OPERATION AND MAINTENANCE PHASE	364	1.4.9 Specifications for Air Break Star –Delta, Switch Starter Panel with Control Panel	Spare philosophy for motor feeders and outgoing power feeder are not defined. Kindly confirm or bidder to decide at their own.	This is the DBOT Project, bidder shall makev his own assessment based on surveys, relevent standared and codes and best engineering practices and have it apporoved by Buidco.

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38	Schedule10 TECHNICAL SPECIFICATIONS FOR CONSTRUCTION AND OPERATION AND MAINTENANCE PHASE	370	1.5 Liaison with State Electricity Board for Power Supply	Please confirm the following 1. HT power supply to be obtained by bidder for STP and each IPS. 2. Distance between nearest available substation to proposed STP and each IPS plant. 3. HT power supply transmission voltage grade, frequency and fault level details.	This is the DBOT Project, bidder shall make his own assessment based on relevant standard and codes and best engineering practices and have it approved by Buidco.
39			General	Requirement of Spares (Mandatory and recommended) are not defined, kindly confirm the requirement for the same.	This is the DBOT Project, bidder shall make his own assessment based on surveys, relevant standard and codes and best engineering practices and have it approved by Buidco.
40			General	We understand that proposed STP Plant is in non-hazardous area, please confirm the same.	Proposed STP plant is in Non-hazardous area, Bidder may also visit the site to conform
41			General	Requirement of Solar system is not defined, so we are excluding the same from scope of supply.	This is the DBOT Project, bidder shall make his own assessment based on relevant standard and codes and best engineering practices and have it approved by Buidco.
42			General	Please arrange to provide approved / preferred- Make/Vendor List for E&I items.	This is the DBOT Project, bidder shall make his own assessment based on relevant standard and codes and best engineering practices and have it approved by Buidco.
43			General	Please confirm following for UPS 1. Type: Redundant / Non redundant 2. Battery Type: SMF / VRLA / Ni Cd 3. Backup Time 4. Battery Bank: Single / Dual	This is the DBOT Project, bidder shall make his own assessment based on relevant standard and codes and best engineering practices and have it approved by Buidco.
44			General	Since the detailed specifications for all electrical items are not defined in tender specification, so we will follow the relevant IS standard as marked in tender specification.	This is the DBOT Project, bidder shall make his own assessment based on relevant standard and codes and best engineering practices and have it approved by Buidco.

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Instrumentation Queries					
45		371	4 Process Instrumentation, Control and SCADA System	Detailed specification for PLC system are not given, please confirm followings: 1. STP & IPS PLC system (controller, IOs and power supply): redundant / Non redundant 2. SCADA system requirement for each IPS or Only HMI is to be considered. 3. SCADA system details (Qty. of Work stations and Engineering station) for STP. 4. Any data exchange requirement between STP, IPS or any other government institution (CPCB, state PCB ect).	This is the DBOT Project, bidder shall make his own assessment based on surveys, relevant standard and codes and best engineering practices and have it approved by Buidco.
46		371	4 Process Instrumentation, Control and SCADA System	Detailed specification for Instruments and analyzers are not given in tender, so bidder will consider as per bidder's good engineering practice or IS standards. Kindly confirm the same.	This is the DBOT Project, bidder shall make his own assessment based on surveys, relevant standard and codes and best engineering practices and have it approved by Buidco.
47			General	Any third party communication / Web Access are required with PLC System. Kindly confirm.	This is the DBOT Project, bidder shall make his own assessment based on surveys, relevant standard and codes and best engineering practices and have it approved by Buidco.
48			General	CCTV, PAGA system, telephone system, Fire alarm system requirement is not defined in tender, so bidder is excluding the same from scope of supply. Kindly confirm the same.	Bidder have to make provision for all these things & quote their accordingly, No extra payment will be paid for above
Civil Queries					
49	Section- 3 , Civil Works		Approach Road	Kindly clarify that whether Approach road is to be provided. If yes, then Kindly provide the Length and MOC (material of construction).	Bidder have to make provision for all these things & quote their accordingly, No extra payment will be paid for above
50	Section- 3 , Civil Works		Approach Road With Storm Water Drain	Kindly clarify that whether Storm water drain is to be provided along the Approach road. If yes, then kindly provide the Length and MOC.	Bidder should be visit the site and access by themselves & quote their rate accordingly.
51	Section- 3 , Civil Works		Geotechnical Investigation	Kindly provides the soil investigation report/ recommendations for foundation design. Also provide ground water table depth.	Available document are uploded in e-proc. It is advised to bidder to make his own assessment based on site visit
52	Section- 3 , Civil Works		Dismantling Work	Kindly provide the details of Existing structures, if any so that quantities of dismantling can be calculated.	Bid condition shall prevail.
53	Section- 3 , Civil Works		Boundary wall/Chain Link fencing	Kindly clarify that whether any Boundary wall/chain link fencing is to be provided. If yes, then kindly provide the Length and MOC.	Bid condition shall prevail.



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54	Section- 3 , Civil Works		Contour plan	Kindly provide the Contour plan of the site.	All available diagramme uploaded in e-proc/buidco site,It is advised to bidder to visit the site make the own arrangement
55	Section- 3 , Civil Works		Plot Plan	Kindly provide the Plot plan of the site.	Already given in e-proc site
56	Section- 3 , Civil Works		Technical Specifications	Kindly provide the Civil technical specifications.	Location of all IPS are mention in the uploaded document .Bidder are suggested to visit the site and gather the required information
57	Section- 3 , Civil Works		FGL	Kindly provide the Finished Ground level of the site	Location of all IPS are mention in the uploaded document .Bidder are suggested to visit the site and gather the required information
<b>3. Bidder Name: GANNON DUNKERLEY &amp; CO. LTD.</b>					
58	BID DATA SHEET	43/55 2 ITB 1.1 (d)	Status of work completed/partially completed & pending Design, enginnering & Construction- ASP technology	In reference to ITB 1.1 d, In this work few of the Units like Secondary Clarifier, CCT & Sludge Thickner have been patially constructed, Kindly clarify whether the bidder shall stick with the already submitted design and drawings approved/submitted on ASP technology by previous contractor or the new bidder will start the design, enginnering & construction activity on suitable technology as per CHEEPO taking consideration of the alredy constructed civil units.	This is the DBOT Project, bidder shall make his own assessment based on surveys,relevant standared and codes and best engineering practices and have it apporoved by Buidco.

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59	BID DATA SHEET	43/55 2 ITB 1.1 (d)	<p>The installed capacity of the STP is (Average Flow= 16 MLD) is located at North west of town near Ganga Bridge. The MPS shall be of Avg. Flow 185 LPS, Peak Flow = 417 LPS for mid-year and, Avg. Flow 289 LPS, Peak Flow = 651 LPS for ultimate year) at 2041. (no work done). The Sewerage Network is about 67 KM in length; the number of Sewage Pumping Stations is 2: IPS-1: Avg. Flow 106.185 LPS, Peak Flow = 248.789 LPS for mid-year and, Avg. Flow 151.427 LPS, Peak Flow = 350.586 LPS for ultimate year) at 2041. (Constructed 30%) IPS-2 Avg. Flow 172.00 LPS, Peak Flow = 378.00 LPS for mid-year and, Avg. Flow 241.380 LPS, Peak Flow = 537.00 LPS for ultimate year) at 2041 (no work done).</p> <p>Name of work : TO (i) DESIGN AND BUILD SEWAGE TREATMENT PLANT OF CAPACITY 16 MLD INCLUDING MAIN PUMPING STATION AND ALL APPURTENANT STRUCTURES AND ALLIED WORKS; (ii) SURVEY, REVIEW THE DESIGNS, REDESIGN WHERE NECESSARY, AND BUILD REMAINING WORK OF NEW UNDERGROUND SEWERAGE NETWORK OF ABOUT 67 KM LENGTH INCLUDING TRENCHLESS, INCLUDING SURVEY, DESIGN, CONSTRUCTION OF 2 NOS. INTERMEDIATE PUMPING STATIONS AND ALL APPURTENANT STRUCTURES AND ALLIED WORKS; AND (iii) OPERATION &amp; MAINTENANCE OF THE COMPLETE WORKS OF SEWAGE TREATMENT PLANT, SEWERAGE NETWORK AND PUMPING STATIONS FOR A PERIOD OF 15 YEARS AT BUXAR TOWN, STATE OF BIHAR, INDIA. NIT. No: BUIDCo/Yo-1195/19(P-2)-189 (IN-NMCG-169089-CW-RFB). Date: 19.12.2020</p>	<p>If the New bidder will stick to already proposed design &amp; engineering based on ASP, Kindly provide the GA, Structural Drawings &amp; Process Design Calculation of the MPS, IPS-1 &amp; 2, STP (all units proposed) and Sewage network layout drawings showing the proposed pipeline dimensions and route map with IL/NGLs.</p>	Available drawing uploaded in e-proc
60	BID DATA SHEET	43/55 2 ITB 1.1 (d)	In reference to content cited above	Kindly provide the details of work executed in sewerage network laying.	Bid condition self explanatory
61	BID DATA SHEET	43/55 2 ITB 1.1 (d)	In reference to content cited above	Kindly confirm if the department has checked the stability & hydrotesting of already constructed units.	Bid condition self explanatory
62	Annexure A part h	68//5 52 Clause No. 1.4 (a))	1. It has Designed, developed, built, tested and commissioned at least one Sewage Treatment Plant of 14 MLD capacity of the same process as proposed for this contract under clause 3.3 (a) of Instruction to Bidders of secondary treatment of sewage during the last 7 years preceding preceding the date of bid publication. The experience of BNR may be of a separate STP of any capacity.	From the work progress as stated in Bid Data sheet clause ITB 1.1 (d), This Sewage treatment plant is based on ASP and BUIDCO invited tender on the same technology. It is requested to CE/MD Buidco to allow the experience of other technology like SBR which is well suitable technology in terms of capex and flow variations and other PIUs like UPJN, JUIDCO, UkpJN already completed several projects on SBR.	Technology is not fixed. Bidder can choose any technology as per bid condition.

S.No	Section Reference	Page No.	Section or Article No.	Question / Query / Clarification / Comment	BUIDCo Reply
63	BID DATA SHEET	45/55 2 ITB 3.3(b)	The treated effluent shall be discharged at the bank of river Ganga from where it will be used either for irrigation or other purpose. The distance of outfall is approx. 1 KM	Kindly provide the route map with NGL complete with all required details of measurement of road crossing, river crossing, over the piles/foundation (in mtrs) and other details in the route of 1km proposed for outfall.	Location of all IPS are mention in the uploaded document .Bidder are suggested to visit the site and gather the required information
	BID DATA SHEET	45/55 2 ITB 3.3(b)	The treated effluent shall be discharged at the bank of river Ganga from where it will be used either for irrigation or other purpose. The distance of outfall is approx. 1 KM	The details of highest flood level of river Ganga at discharge location and NGL/FGL level of pipeline at discharge point.	Location of all IPS are mention in the uploaded document .Bidder are suggested to visit the site and gather the required information
	BID DATA SHEET	45/55 2 ITB 3.3(b)	The treated effluent shall be discharged at the bank of river Ganga from where it will be used either for irrigation or other purpose. The distance of outfall is approx. 1 KM	Kindly provide the details of Pipe MOC & Technical Specifications for discharge line.	Location of all IPS are mention in the uploaded document .Bidder are suggested to visit the site and gather the required information
64			Drawing for Sewerage Network Zone -1,2 and 3 Uploded on BUIDCO Website	The uploaded drawings are not good to read and refer. Pls provide the AO/A1 size pfd or autocad darwings for the proposed sewerage network zones 1,2 & 3	available drawing is uploaded in eproc
<b>4. Bidder Name: Concept Chem</b>					
65	Technical (i)	4	Bidder Designed, Developed, Built Tested & Commissioned at least one STP of 14 MLD	Its Bid for construction of 16 MLD STP. As standard practice maximum 80% capacity is experience is desired i.e. 12.8 MLD which may be round off to 13 MLD. In the same Tender for piping work of 67 Km required past experience of 46 Km which is around 70%. Requested to allow it.	Bid condition shall prevail.
<b>5. Bidder Name: Subhash Infraengineers Pvt. Ltd.</b>					
66	Clause 5.5.1 (2) (a)-Performance Security		The Operator shall provide a Performance Security of 9% (Nine percent) and ESHS Performance Security of 1% (one percent) of the total Contract Price, performance security for capital work for a period of design & built part and the performance security for the O&M part shall be in three years intervals to be extended/renewed up to entire O&M period. For this purpose, the Total contract price shall be determined as under on the basis of Operators Bid Prices quoted in various Parts of the price schedule and incorporated in Schedule 5 of the contract.	As per the recent government notification, the performance security is reduce from 9% to 3%.  Kindly allow the Performance Security of 3% for this bid, as recent tenders of NMCG & UP Jal nigam has reduced the Performance Security from 9% to 3%	Please refer Addendum -1, sl.no-2
67	General		Inlet sewage parameters	Inlet sewage parameter are not provided in tender documents, so please confirm that we can consider the parameters as per CPHEEO manual.	uploded in e-proc.
68	General		Auto-Cad file of layout of STP is not attached.	Please provide the Auto-Cad file of layout plan for better pre-bid design.	All available design & drawing is uploaded.