

Corrigendum and Clarifications-STP tender RGEC

S. No.	Queries	Reply
1	On Pg. 17 way in which Security & P.G. will be deducted and released is mentioned, 75% of 5% security to be released is mentioned but 25% of 5% Security to be released is not mentioned.	On P-17 Clauses 7(b), it is clearly mentioned that the 5% of performance guarantee of the contractor amount and 25% of balance security money together with security deposit deducted from monthly bills of operation & maintenance shall be released after satisfactory handing over of the plant after completion of operation & maintenance period.
2	Equipment Guarantee After Completion of DLP of one year Contractors Liabilities is only to operate & maintain the Plant. If any wear and tear or defect arises in any Machinery that will be to the Department Scope and any Consumables requires for Servicing and for blowers etc. shall be borne by the deptt. O & M Period.	No, even during the O&M period the cost of repair of any wear & tear or defects in any Machinery or Consumables required for Servicing and for Blowers shall be borne by the contractual agency not by the department.
3	During trial run, DLP & O&M Consumables and Chemicals shall be provided by the deptt.	Supply of Consumables shall be governed by clause 11 h) page 256 of tender document. Cost of all consumables during trial run, and entire O&M period

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		including Defect Liability period will be borne by contractor except for Electricity, Diesel for Gen-set and chlorine gas,
4	Pg-106-kindly clarify the Scope i.e.- Dia. of pipe to be provided from incoming Sewer inside the campus near the MPS to be Constructed , Specification of pipe and under Pipe, Length of Sewer to be laid from last manhole to the receiving chamber of MPS to be Constructed.	Refer P-102 & 104, the size of incoming RCC pipe is 1400mm & of NP-4 clauses. The scope of contractor limit starts from the last manhole on existing 1400mm & Sewer line at STP site. The contractor has to take connection from last manhole and lay suitable size pipe line up to inlet chamber of proposed MPS.
5	Pg.-107-7.1.b- Manual bar screen shall be of size 50mmx10mm instead of 75mmx10mm in SS-304 Grade.	The Manual Bar screen size shall remain as per DNIT.
6	We requested to kindly arrange a meeting so that these points are clarified in detail.	No meeting will be held. However, clarifications to the queries/ points raised have been hosted as Addenda/clarification.
7	We requested to kindly extend the date of online Submission of Bid by Minimum 21 days after the clarification of all the points.	The date of online submission of Bids shall remain as per key dates mentioned in tender document on page-5 Tender has already been re-invited.
8	Kindly Clarify the Scope i.e. Length up to	Tentative layout plan has been hosted on web site.

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	Boundary Wall for Bye pass Pipe through Gravity and by Pumping along with specification of Pipe.	Length of bye pass channel shall be approximately 460m up to Boundary wall. However, the exact length shall depend upon the Final Plant Layout to be submitted by Contractual agency and to be approved by competent authority of HUDA. Broadly, the layout shall be as indicated in tentative layout plan. DI pipes K-9 are to be used wherever Pumping is required. Size shall depend upon Hydraulic design. Restricted velocity has already been mentioned in tender document. Length of treated effluent pipe as per tentative layout shall be about 310 M Again, this may vary as per final layout and nothing extra shall be payable or deductible due to variation in quantity. Tentative layout shall broadly be followed.
9	Kindly provided the Drawings as these are not clear as uploaded with the tender document.	The Drawings could be obtained from the office of the Executive Engineer, HUDA Division RGEC, Sonapat, HUDA office complex, Sector-15 Sonapat, during office hours on or before 19.10.2012.
10	Air Blowers with Diffusers are mentioned in the DNIT, Whereas in the drawings it is not	Refer P-129 to 132. Only Fine Bubble Diffused Aeration system with Air Blowers is to be provided. At

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	<p>clear whether we have to provide surface Aerator or Blowers. Also if Blowers are required kindly clarify the blowers are to be placed on open Platform with Canopy or in Room without Canopy. Also clarify the total building area required for the blowers Platform or room. However we Suggest to use Surface Aerator of EURO-2 Make which have better Performance and very Low maintenance as these provided diffused aeration and mixing. In surface aerators motor is always above liquid so maintenance is easy, whereas in case of blowers if even one diffusers is punched we have to empty the whole tank.</p>	<p>page-131, the entire parameter for diffusers required to be provided are mentioned. At page-132 it is clearly mentioned that air blowers shall be completed with motor and accessories like acoustic enclosures, base frame, anti vibratory paid, silencer, non return valve, air filter etc. as per requirement.</p> <p>The blowers shall be housed in a covered shed of minimum 50.00 Sqm areas, which should be extendable, and having sufficient ventilation, lighting and working space.</p>
11	<p>Kindly clarify the total building area required for various units in total. No extra area will be provided once the total area is fixed.</p>	<p>Minimum Building areas of various Buildings have clearly been mentioned in DNIT/Tender document. In case extra area over and above that mentioned in DNIT/Tender Document is required for housing equipment/tanks/machinery/controls etc., the same will have to be provided by successful bidder at no</p>

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		extra cost to department.
12	Kindly clarify the scope of road and paths if any in detail along with length, width and specifications.	Refer P-95 clause-5. The internal development works like roads, paths, boundary wall etc. are not included in the scope of work.
13	We request to kindly arrange a meeting so that these points are clarified in detail.	Reply as above at point-6
14	Kindly provided the Drawings as these are not clear as uploaded with the tender document.	Reply as above at point-9
15	Clause 52 this type of Clause is nowhere applicable, kindly rethink and amend the same.	It will remain as per Tender Document.
16	Clause 53, this is costly affair and will be unnecessary loading on the tender this can be tested in the laboratory also.	No change. It will be as per Tender document.
17	Pg-99-(xiii) Sluice Valves mentioned are of DI/SS/Cast Steel, kindly Clarify the one MOC to be used as there is lots of Verification in the Price and also Specifications are not clear for all the material in the DNIT.	P-99 (xiii), DI/SS Sluice valves shall be used.

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18	Pg-101-(xxviii) This Penalty clause shall be deleted as all such clauses are already mentioned in the tender form and this clause can have different meanings and also is nowhere applicable in any tender in PHED or HUDA.	No change. This clause will remain as per Tender document as it is for a different purpose.
19	Pg-105, 7.1-b Screening Chamber, Motorised DI/SS Gates are mentioned, these gates can be manually operated instead of motorized and as per code for gates as mentioned these shall be of CI instead of DI or SS. Gates are never provided at UP-Stream and Down Stream kindly clarify.	Sluice Gates shall be of CI and shall be suitable for use in Sewage as per relevant specifications. However, these gates shall be manually operated.
20	Pg-115 Submersible Pumps can be of 1500 RPM instead of 1000 RPM.	P-115 Submersible Pump shall be as per DNIT.
21	Pg-118-7.1.o Control Gates:-0 these are mentioned of SS/DI these shall be of CI	P-118 Control gates shall be of CI.

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22	Pg-166-7.29 These Pumps are mentioned with VFD these can be simple Star Delta Starters.	Starters shall be as per Page 197 of Tender document.
23	Kindly clarify the scope of Automation if any otherwise we are assuming total plant MPS, STP and Tertiary Deep Bed Filtration to be Manually operatable Completed. If this is to be operated on PLC kindly give detailed scope of work with Specifications.	Pumps of MPS, Mechanical Screens, Aeration system including DO control and Filter operation shall be PLC controlled automation as fully described in Tender document.
24	Under the clause 7.4 at Page-122, Two nos. detritus tanks with mechanical equipments	These shall be as per DNIT.

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	<p>1 W + 1SB have been demanded. Usually one mechanical detritus tank & 1 no. Manual standby arrange is provided. In this case, both mechanical detritus tanks have been demanded, which we feel is not required.</p>	
25	<p>In the rotating bridge for secondary clarifier, it is mentioned that "bridge supplied by contractor shall be generally manufactured in Steel, Epoxy painted". However, in the material of construction given in DNIT, all steel material is SS-304. Kindly clarify whether steel epoxy painted or SS-304 is required.</p>	<p>The portion above TWL i.e above water/sewage shall be of steel with epoxy coating and under water portion shall be of SS 304.</p>

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26	<p>The specifications given in clause 7.10 at page no.137 are not clear. It has been mentioned that there shall be pump house over circular sludge sump and then specification indicated that the pumps should be installed in separate dry well pump chamber with positive suction. Moreover common header for 25MLD capacity has been demanded which is not required or essential. Kindly clarify which kind of pump house is to be provided. However it is suggested that the sump and pump chamber can be avoided by connecting suction of pumps directly to secondary clarifier & thickener respectively, which is quite successful for small plant of 7.5MLD.</p>	<p>Circular dry well with concentric sump shall be provided.</p>
27	<p>For Filtered Water Pumping, submersible pump sets of 156.25m³/hr. can be provided instead of centrifuge pumps and Pump chambers etc. can be avoided. Kindly change</p>	<p>These will be as per Tender Document.</p>

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	the specifications to submersible.	
28	<p>In the list of the makes of material, we requested you that consider following makes in the approved makes list.</p> <p>« For Detritus Equipment - VOLTAS / MICRO TRANSMISSION</p> <p>« For Sluice Valves /NRV - KIRLOSKAR BROTHERS LTD.</p> <p>« For Diffusers - WELCOME</p>	Makes shall be as per DNIT.
29	<p>Under clause 55, there is provision for legal proceeding and penalty being imposed by HSPCB. In case, get contractor samples results OK for samples being tested fortnightly from Shree Ram Institute and tested outside Lab and inside the STP Laboratory also, there should not be such clause to make contractor responsible for any third organization like HSPCB. Kindly delete clause no.55.</p>	Clause will remain as such i.e. as mentioned in tender document