

E&M AND GENERAL QUERIES:

Sr. No.	Reference points of Tender	Description	Query from Fontus	HLL/JIPMER Reply
1.	Refer Tender doc, Volume I – “Request For Proposal”	Design basis not provided i.e. Raw Sewage characteristics & Treated water characteristics	Requesting you to kindly provide Raw sewage characteristics & required Treated water characteristics	Please refer Clause 2.2.1 ii & iii of Section “Scope of Work”
2.	Refer Tender doc, Volume I – “Request For Proposal”	Peak Factor/ Peak Flow	Requesting you to kindly provide peak factor/ peak flow for incoming raw sewage.	As indicated in Clause 3 of Section IV “any other data required for designing the STP shall be collected by the contractors...”
3.	Refer Tender doc, Volume I – “Request For Proposal”	Invert level for incoming raw sewage line is not provided	Requesting you to kindly provide invert level for raw sewage line	As mentioned above.
4.	Refer Tender doc, Volume I – “Request For Proposal”, Clause 2.2 “Work Content”, sub clause 2.2.1 “Brief scope”, Point – V	Getting the required approvals, permissions, NOC from the statutory / government agencies.	Requesting you to kindly elaborate exact scope of work under this item. i. e. List of approvals, permissions, NOC from the statutory / government agencies for various requirements.	This is a turn-key job and the successful bidder shall hand over the STP fully functional with all statutory clearances that may be required to operate the STP.
5.	Refer Tender doc, Volume I – “Request For Proposal”, Clause 2.2 “Work Content”, sub clause 2.2.4 “Dimensions”, Point – V	The levels, measurements and other information concerning the existing site as shown on the conceptual / layout drawings are believed to be correct, but the tenderer should verify them for himself and also examine the nature of the ground as no claim or allowance whatsoever shall be entertained on account of any errors or omissions and commissions in the levels or strata turning out different from what is shown on the drawings.	Requesting you to kindly provide the specified drawing under this clause.	Please see amendment. This standard clause is not applicable in this case and is deleted.
6.	Refer Tender doc, Volume I –	There shall be one collection sump of suitable	Requesting you to kindly confirm	Permissible. However, it

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	“Request For Proposal”, Page No 62, Clause 3.0 “Sewage Treatment Plant”, sub clause 3.5 “Collection Sump/MBBR feeder channel”,	size (Min. 20 seconds HRT at designed flow) constructed in RCC M-30 (min. with 500 mm free board) and with 100 mm i/d CI D/F drain pipe with CI D/ F SV of the recommended make for scouring in a separate manhole . The sump shall be connected to MBBR for feeding the influent.	whether we can propose the collection sump to accommodate peak flow so further treatment shall be designed for average flow.	may be noted that design adequacy is bidder’s responsibility
7.	Refer Tender doc, Volume I – “Request For Proposal”, Page No 62, Clause 3.0 “Sewage Treatment Plant”, sub clause 3.6 “Moving bed Bio film Reactor”,		Requesting you to kindly confirm whether we can propose the MBBR for average flow considering peak accommodation in collection sump.	As indicated above.
8.	Refer Tender doc, Volume I – “Request For Proposal”, Page No 63, Clause 3.0 “Sewage Treatment Plant”, sub clause 3.6 “Moving bed Bio film Reactor”,	The surface area of media to be used for designing purpose shall not be more than 500 Sqm/cum where as in actual it shall not be less than 600 sqm /cum of approved make .	Requesting you to kindly confirm the actual surface area & effective surface area for MBBR media.	As mentioned in Clause 3.0 of Section IV, design adequacy is bidder’s responsibility.
9.	Refer Tender doc, Volume I – “Request For Proposal”, Page No 65, Clause 3.0 “Sewage Treatment Plant”, sub clause 3.8.1 “Rotating Scraper Bridge and Accessories”	3.8.2 Material of Construction: Tank RCC (M-30) (minimum) Feed well SS-316 Bridge MSEP Rake Arm SS-316 Vertical shaft / Center cage SS-316 Blades SS-316 V-notch weir FRP/SS-316 Squeegees Neoprene Platform MS Chequered plate/Grating Handrail 40 NB MSPVC coated. Vertical post CI Scum skimmer SS-316 Scum Box SS-316 Scum Baffle SS-316 Anchor Bolt SS-316	Requesting you to kindly confirm whether we can propose material of construction in MSEP as the pH of the biologically treated water shall be neutral.	Please follow RFP requirement.

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10.	Refer Tender doc, Volume I – “Request For Proposal”, Page No 65, Clause 3.0 “Sewage Treatment Plant”, sub clause 3.13.1 “Thickener Mechanism” & sub clause 3.14 “Thickened Sludge Holding Sump” & sub clause 3.15 “Sludge Drying Bed”		Requesting you to kindly confirm whether we can propose mechanical filter press with 1 day storage capacity of sludge sump instead of sludge thickener, thickened sludge sump, & sludge drying beds.	Please follow RFP requirement.
11.	Refer Tender doc, Volume I – “Request For Proposal”, Page No 72, 73, Clause 3.0 “Sewage Treatment Plant”, sub clause 3.20 “Treated effluent pump sets”	Battery Limit	Requesting you to kindly confirm battery limit for treated water pump discharge pipe.	Query not understood.
12.	Refer Tender doc, Volume I – “Request For Proposal”	General Electrical	Requesting you to kindly clarify / elaborate detailed scope for electrical works i.e. Transformer, HT/LT supply, DG set	All electrical work for tapping required power from the nearest substation and DG set.
13.	Refer Tender doc, Volume I – “Request For Proposal”	General Electrical	Requesting you to kindly confirm scope for external lighting	Please provide adequate lighting to cover the plant area.
14.		Civil/Electro-Mechanical	Make / manufacturer list of Cement, TMT and other major materials are not given	BIS approved Products with ISI marking can be used with prior approval of Engineer in Charge.
15.		Civil	Raw sewage in collection sump shall be pumped from the existing STP or shall it be by gravity, if by gravity than its inlet level is required.	At present it is by gravity.