

Design, Construction, Supply, Erection, Testing & Commissioning of Sewage treatment plant based on Moving Bed Biological Reactor (MBBR) technology of 2.40 MLD capacity at JIPMER, Puducherry on a turnkey basis				
AMENDMENT TO RFP				
S.No.	RFP Clause	Page No.	RFP Clause	Amended Clause
1	1.1.2	5	Last Date & time of Submission of Tender - 12-06-2014 upto 15 Hrs	Last Date & time of Submission of Tender - 26-06-2014 upto 15 Hrs
2	1.1.2	5	Date & time of opening of Tender (Technical Package – Part I) - 12-06-2014, 15:30 Hrs	Date & time of opening of Tender (Technical Package – Part I)- 26-06-2014, 15:30 Hrs.
3	2.2.4	6,7	Dimensions 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.	Clause deleted as concept plans are not applicable here.
4	Clause 1 of Section IV		Introduction to the project Jawaharlal Institute of Post Graduate Medical Education and Research, Puducherry, intends to replace the existing sewage treatment plants by installing a 2.4 MLD STP based on MBBR Technology to cover the existing and proposed buildings in its campus.	Introduction to the project Jawaharlal Institute of Post Graduate Medical Education and Research, Puducherry, intends to replace the existing sewage treatment plants by installing a 2.4 MLD STP based on MBBR Technology to cover the existing and proposed buildings in its campus detailed below; <u>Existing Buildings: Old Hospital (970 beds), SS Block (360 beds), WCH (400 beds) Trauma Care (180 beds), RCC (100 beds), OPD attendance (7000 per day), (Hostels (1500 occupants), Staff Housing (469units), Hospital Kitchen & Laundry, Hostel Kitchen, Admin Block, Institute building, Academic centre, Nursing College, Kendriya Vidyalaya, Nirman Bhavan (CPWD office), Guest House I & II.</u> Under Construction: Expansion to SS block (300 beds including special wards), Screening OPD (1000 per day), Staff Housing (66 units), JISPH (100 students, 70 staff) In Planning: Institute of Allied health Sciences, Institute for Health professionals & E learning, Multidisciplinary Research centre, Expansion to RCC (100 beds), Upgradation of Trauma Care Centre and Burns Unit, Modernization of Administrative Block.
5	Clause 3.0 of Section IV		Sewage Treatment Plant (STP): The components specified in this document are only indicative. This does not absolve the contractor from his responsibility for design adequacy and meeting desired discharge standards as per PCB Norms. Any other data required for designing the treatment plant shall be generated / collected by the contractors on their own.	Sewage Treatment Plant (STP): The components specified in this document are only indicative. This does not absolve the contractor from his responsibility for design adequacy and meeting desired discharge standards as per PCB Norms. <u>The treated effluent is proposed to be used for domestic flushing purposes. However, the pipe lines and terrace / elevated tanks for this system is not in the scope of this contract.</u> Any other data required for designing the treatment plant shall be generated / collected by the contractors on their own.
6	Clause 3.18 of Section IV		Treated Effluent Cum chlorination sump: A treated effluent cum chlorine contact tank shall be provided with mixing arrangement for disinfection using Sodium Hypochlorite as disinfectant. The tank shall be constructed in RCC M- 30. The baffle walls shall be provided to achieve proper disinfection. The baffle walls shall be constructed in brick masonry CM 1:4 and plastered with 20 mm thick cement plaster 1:2 on either side. The length /width ratio of this tank shall not be < 3.00 and the water depth not < 2.50 mtr. The treated water is disinfected to destroy and render harmless disease-causing organisms, such as bacteria, viruses, etc. The common form of Chlorine to be used shall be Sodium Hypochlorite (Hypo) available commercially at 10-12 % strength, being safe, easy to handle and having a reasonable shelf life. The Chlorine disinfection system shall consists of a Hypo-holding tank (size depending on the flow rate of the STP) and an electronically metered dosing pump. Hypo solution of desired concentration shall be prepared in the tank. The dosing rate shall be set in the metering pump as per the desired Chlorine dose rate, typically 3-5 PPM. Hypo solution shall be dosed at the outlet of the ACF, online, so that adequate mixing of Hypo with the treated water is achieved. Treated effluent from pressure filter shall be taken to the treated effluent cum chlorination sump through pipe/channel. The chlorinated effluent is to be used for horticultural purposes in the University campus and the bidder should devise the ultimate chlorine dose(normally 0.5 to 2.00 ppm) accordingly.	Treated Effluent Cum chlorination sump: A treated effluent cum chlorine contact tank shall be provided with mixing arrangement for disinfection using Sodium Hypochlorite as disinfectant. The tank shall be constructed in RCC M- 30. The baffle walls shall be provided to achieve proper disinfection. The baffle walls shall be constructed in brick masonry CM 1:4 and plastered with 20 mm thick cement plaster 1:2 on either side. The length /width ratio of this tank shall not be < 3.00 and the water depth not < 2.50 mtr. The treated water is disinfected to destroy and render harmless disease-causing organisms, such as bacteria, viruses, etc. The common form of Chlorine to be used shall be Sodium Hypochlorite (Hypo) available commercially at 10-12 % strength, being safe, easy to handle and having a reasonable shelf life. The Chlorine disinfection system shall consists of a Hypo-holding tank (size depending on the flow rate of the STP) and an electronically metered dosing pump. Hypo solution of desired concentration shall be prepared in the tank. The dosing rate shall be set in the metering pump as per the desired Chlorine dose rate, typically 3-5 PPM. Hypo solution shall be dosed at the outlet of the ACF, online, so that adequate mixing of Hypo with the treated water is achieved. Treated effluent from pressure filter shall be taken to the treated effluent cum chlorination sump through pipe/channel. The chlorinated effluent is to be used for horticultural purposes <u>and flushing in the housing of JIPMER</u> campus and the bidder should devise the ultimate chlorine dose(normally 0.5 to 2.00 ppm) accordingly.