

**CM 03/2018 - Tender for Completion Works**  
**Therapeutic Community for Adolescents Premises**  
**(Mechanical & Electrical, Lift, Finishings, Furnishings, Outside Gym Area)**  
**Further Clarifications**

---

**Clarifications requested by AG Installations (Email dated: 29/11/2018)**

Dear Sir/Madam,

Further to tender CM 03/2018 we kindly ask for the following technical clarifications:

Item 5.03.05 – Could the flow rates and pressures for the Hot water circulation pumps be given as they are missing in the specifications.

**Answer: The relevant specification for the hot water circulation pump is in section 23.2. The flow and pressures are irrelevant since these are very small pumps just to circulate water, and if the contractor want to have an idea usually they have a flow of 166 l/min at 6m head with a motor of only 500W.**

Item 5.03.10 – Could we have more specifications regarding the heat exchanger, such as temperatures and flow rates, in order to correctly offer the right solution.

**Answer: The relevant specification for the plate heat exchanger is in section 32.13. The size of the heat exchange is only determined by the heat output, shown as 100Kw on schematic CW-XI-048-18, the required temperature and permitted pressure loss. Of course the temperature is usually set at 80 deg C while the pressure loss is determined by the head of the circulating pump detailed above, so less than 2m head of water.**

---