

Memorandum of Information II

Clarification questions on Tender "Absorber Setup, Ref. 2020 FPL/INK177 date 21-12-2020"

No.	Section nr. / subject	Question	Answer
1.	Scope and content of the Contract	Is the proces connection of the CODEC available?	This question will be answered later.
2.	Scope and content of the Contract	Should the desorber be a seperate skid?	Yes, the desorber should be in a separate skid that could be dettached from the absorber.
3.	Scope and content of the Contract	Do you have a prefered supplier for instruments and analyzers?	Not necessarily. We usually use Bronkhorst for instruments such as mass flow controllers and swagelok for the lines and connections.
4.	Scope and content of the Contract	Do you have a prefered supplier for pumps, blowers, HX?	No specific suppliers
5.	Scope and content of the Contract	Process flow diagram shows one temperature sensor on the absorber column, in 5.2.1 its stated that each section should have temperature sensors (beginning, middle and end of packing section). Since there are two packing sections, shoeld we apply 6 temperature sensors in de absorber column?	This should be enough
6.	Scope and content of the Contract	Temperature, pressure, flow and CO2 content are drawn on the evaporator. The text describes that these should be on the gas inlet line. Which is correct?	In the gas inlet
7.	Scope and content of the Contract	You design and supply the packing, do you also supply the distributors and support plates?	We dont design and supply the packing. We say that the packing should be a commercial packing and compatible to the ones written in the document.
8.	Scope and content of the Contract	What are the desired process connections for the skid limits (flange, thread, ...)?	Flange is preferred
9.	Scope and content of the Contract	Could you supply us with the needed heat duty of the four HX?	0,75-1kW
10.	Scope and content of the Contract	Is insulation part of our scope? If so, do we need to insulate all piping/equipment or only the parts exceeding 60°C?	Absorber and desorber should be insulated because it is above 60C and the other parts preferibly yes
11.	Contracting Authority and Contract	The ESPD tool doesn't work is 'E-herkenning' log on on Tendernet enough? Can we make use of the Word files Appendix A01, A02..? Since there is written that we should not inclose them..	The ESPD is a separate doc this is not related to E-herkinning.
12.	Contract duration	6.1.1.4 The complete installation shall be ready before teh 1st of september 2021. This is very ambitious, not only due to COVID-19 but also the time for basic and detail engineering and the delivery time of some of the equipment. It will also depend on the changes during the design phase and the impact on the engineering.	This date will not be changed. It is not the intention to make changes during the design phase.
13.	Contracting Authority and Contract	Is there a possibility to extend the final date for submission of the Tender, due to COVID-19 we can not work as efficient as normal. We would be happy with two extra weeks.	New date is 25 of january 2021 at 12.00 hours.
14.	General	Remark	Information regarding to the use of tenderned can be found here: https://www.tenderned.nl/cms/english/tenderned-foreign-businesses