CROSSWIND

TECHNICAL QUERY
Hollandse Kust Noord

No. TQ :	CW-STA-TQ-0002	Rev:	A

Originating Party	Crosswind					
Subject	BESS Process Information					
Author	Dominik Sznajder	TQ Aconex unique number: CWHKN-INN-BPH-TQ-00015				
Interface TQ - from	Rosetti	TQ interface source Aconex unique number: ROSMA-INN-BPH-TQ-00035				
Type	Query		X	Interface		
	Deviation			Derogation (SHALL[PS])		
	Note: No deviations nor derogations which have an adverse effect on HSSE will be granted					
Workpackage						
Area(s) of application	Design & Eng.	x	Procurement		Construction	
	Commissioning		Operations		Other	
Issue date	25-09-2023		Urgent reply 5 days	x	Routine reply 10 days	
Close-out date	05-01-2024					
Closed-out by	WTu		TQ status:		Closed-out	

1. Description

Reference documents / Aconex unique numbers:

BESS Vendor is requested:

1) to inform RM about process fluids type (H2, N2, Instrument Air and water or whatever), which are necessary for the proper working of the package (if any);
2) to provide all process information (IN and OUT) of all fluids (operating and design conditions);
3) to inform RM if a vent line outgoing from the package is present (if yes, then Vendor to inform RM about all process conditions on this stream).

This communication is issued for the recipient's information and to facilitate the obligations of the Parties under the Contract. This communication has no authority to amend or vary the Contract nor relieve either Party of any duties, obligations or responsibilities.

2. Response

Reference documents / Aconex unique numbers

1) BESS package process fluids:
   PCS Container:
   a) Cooling water for converter cooling system is a mix of 60% water and 40% glycol (Antifrogen N).
   b) AC units are provided with refrigerant is R32.

   BESS Containers (both) :
   a) AC units are provided with refrigerant is R32.

2) No fluids going IN or OUT the package.

3) No vent line in package, however, there are 3 exhaust units on top of each BESS container, which must be connected to a suitable ducting system to be provided by others. Exact location of the exhaust units will be provided in the final container drawings. Preliminary models were already shared with RM.

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