Base Load Power Hub (BLPH)

Technical Data Sheet – Bird Screen

Document Number: 123A90-DDL-PP-DS-70006

Document Class: 2

01	30/01/2024	Accepted for construction (AFC)	MMA	CBO	DLO
00	22/11/2023	Issue for Review (IFR)	MMA	CBO	DLO
Rev.	Date	Description	Prepared	Reviewed	Approved

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Revision / Change Log

Rev.	Description
00	Issue for Review (IFR)
01	Accepted for construction (AFC)

HOLDS LIST

No.	Description
1	
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3	
4	

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1 REFERENCE OF DOCUMENTS

The VENDOR shall design, manufacture, and test the equipment and auxiliary systems included in the scope of the supply strictly in accordance with the Data Sheet, Project Specifications, codes, and standards listed as follow. The applicable codes and standards include also those referenced inside the following documents.

1.1 PROJECT DOCUMENTS

Designation	Doc. Number	Rev.
Piping Material Classes	123A90-DDL-PP-SP-70000	02
Coating and Painting Specification	123A90-DDL-MAT-SP-60006	01
Piping Special Items List	123A90-DDL-PP-LIS-70061	00

2 DEFINITIONS AND ABBREVIATIONS

2.1 DEFINITIONS

COMPANY or Client (CPY):	Crosswind
CONTRACTOR (CTR):	ROSETTI MARINO S.p.A.
PROJECT:	HOLLANDSE KUST NOORD WIND PARK Project
SUPPLIER or VENDOR	Means the entity defined as such in the PURCHASE ORDER

2.2 ABBREVIATIONS

SP	SPECIAL PART
WW	WASTE WATER
SWS	SEA WATER SUPPLY

3 ITEM LIST – BIRD SCREEN

SP Number	Qty	Line number	P&ID	Description	PMC
SP-0033	1	1"-SWS-222-01SD-E	80021	Bird Screen	01SD
SP-0034	1	1"-SWS-221-01SD-E	80021	Bird Screen	01SD
~~SP-0035~~	~~1~~	~~1-1/2"-SWS-199-01SD-E~~	~~80023~~	~~1-1/2" Bird Screen~~	~~01SD~~
~~SP-0036~~	~~1~~	~~1"-DM-198-01SS-N~~	~~80024~~	~~1" Bird Screen~~	~~01SS~~
SP-0039	1	1"-WW-200-01CS-H	80026	Bird Screen	01CS

4 BIRD SCREEN DATA SHEET AND DRAWING

4.1 BIRD SCREEN

ITEM	SP-0033 SP-0034
TYPE	Bird Screen
Quantity	2
P&ID NUMBER	123A90-DDL-PR-PID-80021
LINE NUMBER	1"-SWS-222-01SD-E 1"-SWS-221-01SD-E
PIPING CLASS	01SD
NOMINAL DIAMETER	1" (33.4mm)
DETAILS	
MATERIALS	Stainless Steel
MESH	3.66 – OPEN 6mm – WIRE 1.2 mm
ADDITIONAL	
Desing and Operating conditions	
DESIGN TEMPERATURE	100 °C

FLUID	Sea Water Supply

~~ITEM~~	~~SP-0035~~
~~TYPE~~	~~Bird Screen~~
~~Quantity~~	~~1~~
~~P&ID NUMBER~~	~~123A90-DDL-PR-PID-80023~~
~~LINE NUMBER~~	~~1-1/2" -SWS-199-01SD-E~~
~~PIPING CLASS~~	~~01SD~~
~~NOMINAL DIAMETER~~	~~1-1/2" (48.26mm) HOLD~~
~~DETAILS~~	
~~MATERIALS~~	~~Stainless Steel~~
~~MESH~~	~~3.66 – OPEN 6mm – WIRE 1.2 mm~~
~~ADDITIONAL~~	
~~Desing and Operating conditions~~	
~~DESIGN TEMPERATURE~~	~~80°C~~
~~FLUID~~	~~Sea Water Supply~~

~~ITEM~~	~~SP-0036~~
~~TYPE~~	~~Bird Screen~~
~~Quantity~~	~~1~~
~~P&ID NUMBER~~	~~123A90-DDL-PR-PID-80024~~
~~LINE NUMBER~~	~~1" -DM-198-01SS-N~~
~~PIPING CLASS~~	~~01SS~~
~~NOMINAL DIAMETER~~	~~1" (33.4mm) HOLD~~
~~DETAILS~~	
~~MATERIALS~~	~~Stainless Steel~~
~~MESH~~	~~3.66 – OPEN 6mm – WIRE 1.2 mm~~
~~ADDITIONAL~~	
~~Desing and Operating conditions~~	

~~DESIGN TEMPERATURE~~	~~80°C~~
~~FLUID~~	~~Demineralized Water~~

ITEM	SP-0039
TYPE	Bird Screen
Quantity	1
P&ID NUMBER	123A90-DDL-PR-PID-80026
LINE NUMBER	1" -WW-200-01CS-H
PIPING CLASS	01CS
NOMINAL DIAMETER	1" (33.4mm) HOLD
DETAILS	
MATERIALS	Stainless steel
MESH	3.66 – OPEN 6mm – WIRE 1.2 mm
ADDITIONAL	
Desing and Operating conditions	
DESIGN TEMPERATURE	100°C
FLUID	Waste Water

Note:

1. Vendor to confirm and provide bird screen suitable for fluid and design conditions
2. Design, Fabrication, Inspection and testing as per Manufacture Standard
3. Vendor to provide Name Plate in SS material
4. Vendor to clarify installation
5. Vendor to confirm bird screen model type required for adequate service.

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4.2 BIRD SCREEN DRAWING



