Base Load Power Hub (BLPH)

PT, PDT, TT, LT RADAR

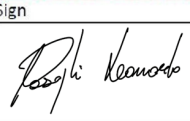
PACKING, HANDLING, SHIPPING, PRESERVATION AND STORAGE PROCEDURES

Document Number: 1724000979-QC-PRO-00012

ROSETTI MARINO

1	APPROVED - WORK MAY PROCEED
2N	REVISE AND RE-SUBMIT - DO NOT PROCEED
2Y	REVISE AND RE-SUBMIT - WORK MAY PROCEED
3	REJECTED
4	APPROVAL NOT REQUIRED

NOTE: Approval doesn't relieve the supplier from mandatory compliance with contractual documents and specifications. Comments made do not imply acceptance of any cost or delivery impact.

Sign	Date
	02/07/2024

Document Class: 3

01	02/07/2024	Issue for Information (IFI)	MZ	GA	GO
00	19/06/2024	Issue for Information (IFI)	MZ	GA	GO
Rev.	Date	Description	Prepared	Reviewed	Approved

TERRANOVA
WE DO PROCESS INSTRUMENTATION PRECISELY
SPRIANO Vukcom MEC-RELA

This document undergoes an issuance cycle within EDMS Fusionlive". Its distribution is electronically controlled. Once printed shall be considered as "NOT CONTROLLED" copy

Revision / Change Log

Rev.	Description
00	Issue for Information (IFI)
01	Issue for Information (IFI)

HOLDS LIST

No.	Description
1	
2	
3	
4	

INDEX:

Page No.	Description
4	1 General
4	2 Packing
5	3 Marking
6	4 Inspection
6	5 Packing Number
7	6 Packing Style
7	7 Packing List Format

This document undergoes an issuance cycle within EDMS Fusionlive". Its distribution is electronically controlled. Once printed shall be considered as "NOT CONTROLLED" copy

1 GENERAL

This procedure covers the requirements of packing, marking and long-term Preservation for the instrumentation destined to the project "Hollandse Kust Noord Wind Park Project".

2 PACKING

2.1 All equipment & materials shall be protected, packed & marked to suit the mode of transportation, & the worst climatic conditions, which may be encountered. Equipment shall be protected to withstand at least 12 months storage at the plant site of which temperature is not exceeding 60°C prior to installation.

2.2 All materials shall be dry, clean and free from all defect and painted prior to packing.

2.3 All threaded areas and test holes shall be adequately greased and protected with gum tape.

2.4 Flanged openings shall be covered with plates or caps, attached with at least one fourth of all bolts (minimum 4 bolts) or with water resistant tape. For metal covers, rubber gasket shall be used between the flange face and the cover.

2.5 Small loose parts, tools, etc… shall be packed in separate boxes inside the main package.

2.6 Due to climatically extremes encountered during transportation (extreme heat, high humidity and fine drifting sand) and the complex transport operation (truck, sea or air), it is essential that protection and packing is of the highest standard. Terranova® will ensure that material will be adequately protected during the total transport operation from factory to Job-Site including time storage on site. The protection will be effective for a 12 months period after delivery on Job-Site.

2.7 High quality wooden cases and/or crates will be used and constructed of top-quality softwood or rigid plywood and be solid and robust. Ends should be screwed or nailed in a manner where no sharp pieces are exposed. Under no circumstances will fiberboard, cardboard or similar cartons be used as outside packing

2.8 All items of fragile nature will be suitably packed with special precaution against risk of breakage. Where material is encased or otherwise completely enclosed, Terranova® will use suitable inter packing, protection and wrapping of any items subject to damage from moisture and/or corrosion.

2.9 Hay, straw or similar vegetable fibers subject to disease or fungus shall not be used in packing.

2.10 All heavy equipment shall be securely fastened to the bottom of the case with coach bolts and wing nuts and shall be blocked and braced to prevent movement. All exposed ends and open flanges shall be protected and covered against damage, using caps sealed with waterproof tape and blanks bolted over each flange face using a suitable gasket material to ensure a watertight joint. Large equipment, which does not require to be completely enclosed by packing, shall be palletized or skidded.

2.11 Cases weighing more than 150 KGs will have raised skid platform or pallet base, to permit sling or forklift truck handling.

2.12 All piping fittings and flanges 4" and below are to be packed in cases in accordance with Paragraph 2.7. For items above 4", these may be fixed securely to pallet base and enclosed with an open boarded crate for protection.

2.13 Vendor shall not consolidate any two or more orders in any one package before prior agreement with CONTRACTOR' s Shipping coordinator.

2.14 All hazardous material must be prepared in adherence to the detailed requirements relating to packing, marking and labeling set out in the most recent report of the Board's Standard Advisory

Committee on the Carriage of Dangerous Goods in ships (The Blue Book), for sea freight and the restricted articles regulations, laid down by the International Air Transport Association, for airfreight.

2.15 Two packing lists detailing actual contents and listing of all rust prevention agents removal solutions, should be enclosed in each package. A master list detailing all packages, listing Purchase Order and Item Nos. for each item listed in the complete consignment should be included in package number 1.

2.16 The preparation for export shipping (including packing) may be subjected to inspection by CONTRACTOR or appointed representative at Vendor's workshop prior to shipment, and at dockside prior to loading aboard ship. Inspection shall not relieve Vendor of any responsibilities or obligations under the terms and conditions of the Purchase Order.

2.17 All spare parts (such as capital, pre-commissioning or commissioning spares or two years operational spares) when available at time of shipment of main equipment, must be either packed and clearly marked and included in main packing case attached to base boards, or, if size and dimensions deem separate shipment then shall be properly protected for short term storage in accordance with relevant Purchase Order Specification and then packed in accordance with Paragraphs 2.7 or 2.8 (above).

3 MARKING

3.1 Stamp on two sides and one end in clear characters (where case size permits, otherwise use optimum size for each package dimension) the marks set out in Paragraph 3.9 (if goods are to be shipped in shipping line containers, then marking may be stencilled on one end only. However, packages must be stowed in a manner, which exposes these marks).

3.2 Packages containing fragile articles must be packed with special precaution against risk of breakage. Such containers must be stencilled "Fragile Handle with Care". This marking must be in English. Where cases are not to be overturned Vendor must show on the cases clear and readily visible identification to ensure they are kept in the correct position.

3.3 Packages/equipment of five tons or more must be marked with slinging points and also clearly show on all sides the centre of gravity. This is of paramount importance for Pressure Vessels and Heat Exchangers.

3.4 For hazardous/dangerous or restricted material, mark as specified by relevant regulations as per Paragraph 2.14 of Packing Instructions.

3.5 All spare orders must be clearly marked as spares and shall not be simply included unmarked with main equipment (See Art. 2.17 above).

3.6 Metal tags or labels must be stamped or indelibly marked with full shipping marks and must be securely attached using 6 twists of stainless steel wire to all loose bundles or uncrated items, alternatively marking boards can be securely strapped to bundles.

3.7 Each package and contents must clearly show the country of origin of GOODS.

3.8 Number of packages will be consecutive as per following nomenclature:

SPR (Abbreviated Vendor's Name) – **001 of XXX** (Serial Number for package)

Abbreviated Vendor's name will be used after confirmation from contractor. The first number being that of the order in the batch, then after oblique, the last number being the total in the batch. For example, for a batch of 100 package: First package no.: 001 of 100 & Last package no.: 100 of 100.

3.9 All materials must also bear the following shipping information:

- **GROSS WEIGHT** Kg
- **NET WEIGHT** Kg
- **PACKAGE / BOX** Nos.
- **DIMENSIONS OF PACKAGE / BOX (L x W x H)** Cm
- **TOTAL VOLUME** m^3
- **PACKAGE STACKABLE** YES / NO

The following International Standard Symbols must be used:



- "HANDLE WITH CARE";
- "KEEP DRY";
- "RIGHT SIDE UP".

All boxes and crates shall also be marked with the appropriate international standard symbols for handling (if present).

3.10 Marking Tags will be performed through 1 nameplate securely fastened to the instrument with permanent fixing tools. For nameplates format, please refer to the Operating manual – Marking section.

4 INSPECTION

If scheduled in the ITP, all packing & crates shall be subjected to inspection of company inspector of the third part inspection agent for their approval or certification prior to their shipment to the plant site. The manufacturer shall submit to the company the copy of packing list & schedule of inspection. The packing inspection will be confirmed by contractor in due time. It shall take place at supplier's designated premises, as per the following procedure:

- cases and/or crates shall be left open.
- packing lists and packing notes to be handed over to entitled inspector.
  - for marking control.
  - for compliance examination of cases contents.

5 PACKING NUMBER

The package number of each CARGO shall consist of consecutive number shown as below mentioned. Total number of packages shall be indicated in each package.

Example: Package **No.001** (Serial Number of outer Box) **of XXX** (Total Number of packages)

6 PACKING STYLE

Unless being impossible, impractical or interfering prefabrication, the package shall not exceed the following dimension and weight:

- Gross Weight: 24.0 Tons
- Length: 12.0 Meters
- Width: 2.5 Meters
- Height: 2.5 Meters

7 PACKING LIST FORMAT

A separate packing list will be issued for each package. For packing list format, see example below:

ROSETTI MARINO SPA

CLIENT: CROSSWIND

SHIPPER: VENDOR BUSINESS ADDRESS

CONSIGNEE: ROSETTI MARINO SPA
VIA TRIESTE 230
48122 RAVENNA
ITALY

NOTIFY: ROSETTI MARINO SPA
VIA TRIESTE 230
48122 RAVENNA
ITALY
KAO SONIA PAZZI/AURELIO PENSERINO
MAIL: LOGISTIC@ROSETTI.IT
PHONE: +39 0544878075

DELIVERY ADDRESS: ROSETTI MARINO SPA
VIA DEL MARCHESATO 37
48023 MARINA DI RAVENNA
ITALY

PACKING-LIST REF: PO NUMBER - VENDOR NAME -122A10
DATE: XX/XX/2023
JOB No.: 123A90 CROSSWIND BLPH

DATE OF TRANSPORT:	NA	CONTAINER TARE	NA	KG
KIND OF TRANSPORT:	NA	CONTAINER TYPE/NUMBER/SEAL N.	NA	
TRUCK PLATE NUMER:	NA	TOTAL NET WEIGHT	0,00	KG
TERMS OF DELIVERY:		TOTAL GROSS WEIGHT	0,00	KG
		TOTAL PACKAGES	0,00	PC
		TOTAL VALUE	0,00	EUR

ITEM	KIND AND NUMBER OF PACKAGE	PACKAGE DIMENSION [MM]			PO REF.	PO ITEM	MATERIAL DESCRIPTION	Q.TY [PC]	METER	TAG No.	CODE NUMBER	HEAT	UNIT WEIGHT [KG/PZ]	TOTAL NET WEIGHT [KG]	TOTAL GROSS WEIGHT [KG]	UNIT PRICE EURO	TOTAL PRICE EURO	COUNTRY OF ORIGIN	HS CODE
		LENGTH	WIDTH	HEIGHT															
1														0,00		0,00	0,00		
2														0,00		0,00	0,00		
3														0,00		0,00	0,00		
4														0,00		0,00	0,00		
5														0,00		0,00	0,00		
6														0,00		0,00	0,00		
7														0,00		0,00	0,00		
8														0,00		0,00	0,00		
9														0,00		0,00	0,00		
10														0,00		0,00	0,00		
11														0,00		0,00	0,00		
12														0,00		0,00	0,00		
13														0,00		0,00	0,00		
14														0,00		0,00	0,00		
15														0,00		0,00	0,00		
16														0,00		0,00	0,00		
17														0,00		0,00	0,00		
18														0,00		0,00	0,00		
19														0,00		0,00	0,00		
20														0,00		0,00	0,00		
TOTAL PACKAGES				0				0	0,00				TOTAL WEIGHT KG:	0,00	0,00	EUR	0,00		
COST OF TRANSPORT																EUR			
TOTAL VALUE																EUR	0,00		