



Royal Netherlands  
Meteorological Institute  
*Ministry of Infrastructure  
and Water Management*

## **Information Memorandum no. 2**

**associated with**

**Public European Tender**

**Acquisition and 3<sup>rd</sup> line maintenance of Present Weather Sensors**

**Reference no. TN-349307**

**Date of publication March 3<sup>rd</sup> 2023.**

(The schedule in the Descriptive Document indicates that the publication would follow on March 8th, 2023. This has been brought forward, partly for the convenience of Tenderers.)

***This Memorandum of Information is an integral part of the Descriptive Document. The questions included in this Memorandum of Information are taken verbatim as they were asked.***

***For convenience, this Memorandum of Information is attached in both Dutch and English  
The Memorandum of Information has been/will be made available at [www.tenderned.nl](http://www.tenderned.nl)***



**Deadline for submission of Tenders, no later than: 20 March 2023 (Monday), 12.00 CET**

Notice

- Contracting Authority has supplemented in this Memorandum of Information No. 2 the earlier answer to question 12 from Memorandum of Information No. 1.

Regarding the questions asked

| No. | Page / Document                                   | Paragraph            | Question                                                                                                                                                                                                                                                                                                                                                                                                                                 | Answer                                                                                                                                                                                                                                                                                                                       |
|-----|---------------------------------------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 12. | Annex 3 / Program of Requirements and Desirables, | 4.1 / Requirement 64 | IEC 61000-6-2 and IEC 61000-6-4 are generic standards which could be used "where no applicable product or product-family EMC standards exist". EN 55032:2015 is intended for equipment having a primary function of retrieval, processing and transmission of data, and EN 61326:2013 for professional equipment for measurement and test use. Question: are EN 55032:2015 and EN 61326-1:2013 acceptable as the referred EMC standards? | The generic standards IEC 61000-6-2 and IEC 61000-6-4 have been set for this Tender. An expert assessment by an external party is required to determine whether the standards EN 55032:2015 and EN 61326-1:2013 meet this requirement.<br>A response to this question will be given in the second Memorandum of Information. |
|     |                                                   |                      | In addition to the answer from the Note of Information 1, Contracting Authority provides the following answer to question 12.                                                                                                                                                                                                                                                                                                            | Contracting authority accepts the standards EN 55032:2015 and EN 61326-1:2013 with the following additions:<br><br>An investigation has been carried out into whether the EN 55032:2015 and EN 61326-1:2013 requested Standards meet the requested standards. The standards used are satisfactory                            |



| No. | Page / Document | Paragraph | Question | Answer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----|-----------------|-----------|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|     |                 |           |          | <p>provided the Environment area is specified as Industrial on standards 61326-1:2013, the emission requirements for telecom ports meets 61000-6-4 and that the requirements of the signal ports are at least equivalent to 61000-6-2.</p> <p>Below is a summary of the findings between standards.</p> <p>EN 55032:2015 vs IEC 61000-6-4:2018:</p> <ul style="list-style-type: none"><li>• For radiated emissions 30-1000 MHz the 55032 is better or comparable</li><li>• For radiated emissions 1-6 Ghz the 55032 is better or comparable</li><li>• For conducted emissions 150 kHz – 30 MHz, the 55032 is better or comparable</li><li>• 55032 has no emission requirements with regard to telecom ports, 61000-6-4 does</li></ul> <p>EN 61326-1:2013 vs IEC 61000-6-2:2016</p> <ul style="list-style-type: none"><li>• The EN 61326-1:2013 will be replaced in June 2024 by the EN IEC 61326-1:2021 version</li><li>• Environment area is not specified. There are 3 environments: Basic, Industrial and controlled environment. Should be Industrial environment to be comparable to 61000-6-2.</li><li>• Enclosure tests (radiated immunity, ESD, etc.) are comparable</li><li>• Tests on a DC power port are partly stricter for the 61326</li><li>• Tests on signal ports are stricter for the 61000-6-2</li></ul> |



| No. | Page / Document               | Paragraph | Question                                                                                                                                            | Answer                                                                                                                                                                                                                                                                                                                                                                                                                |
|-----|-------------------------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 16. | Annex 2<br>Mandatory<br>Forms | 1.3.1     | We are not clear of the reference to "concern". Please clarify what this is?                                                                        | The term concern refers to a group of companies, usually consisting of one company at the top. We also call this the 'holding company'. One or more operating companies (the concern) are then located under the holding company.                                                                                                                                                                                     |
| 17. | Annex 2<br>Mandatory<br>Forms | -         | Is it expected we fill out the "Statement regarding liability of concern / holding" and sign this section, only if we require a guarantor (Surety)? | In the event that a guarantee / Surety situation does not apply, you must fill in the answer 'no' (Tenderer is not in the situation where Surety/guarantee is necessary) in the form. In this situation the irrelevant parts on page 7 of 1.3.1 can be left blank. However, the declaration must be signed so that it is demonstrated that the form has been filled in truthfully and by the rightly entitled person. |