



Ministerie van Infrastructuur
en Waterstaat



Information meeting European tender Temperature sensors KNMI

1 October 2026



Agenda

- > Meet the team
- > What are we buying?
- > The procedure
- > Planning
- > Main objective
- > Sub-objectives



Meet the team

- > KNMI
- > UDAC



What are we buying?

Scope

- › 220 temperature sensors
- › Service contract for 3rd line maintenance



Background

- › Current temperature sensor -> Pt500 sensor with 4-wire connection
- › Sensor element (Ceramic RTD) obsolete
- › Unable to maintain healthy sensor pool
- › Need for modernisation (including benefits)



Preparation

- What is the current standard
 - Market scan
 - Other MET offices
- Market consultation
 - Stability/drift/calibration period
 - Response time
 - Modularity
 - Continuation time series
 - Etc.

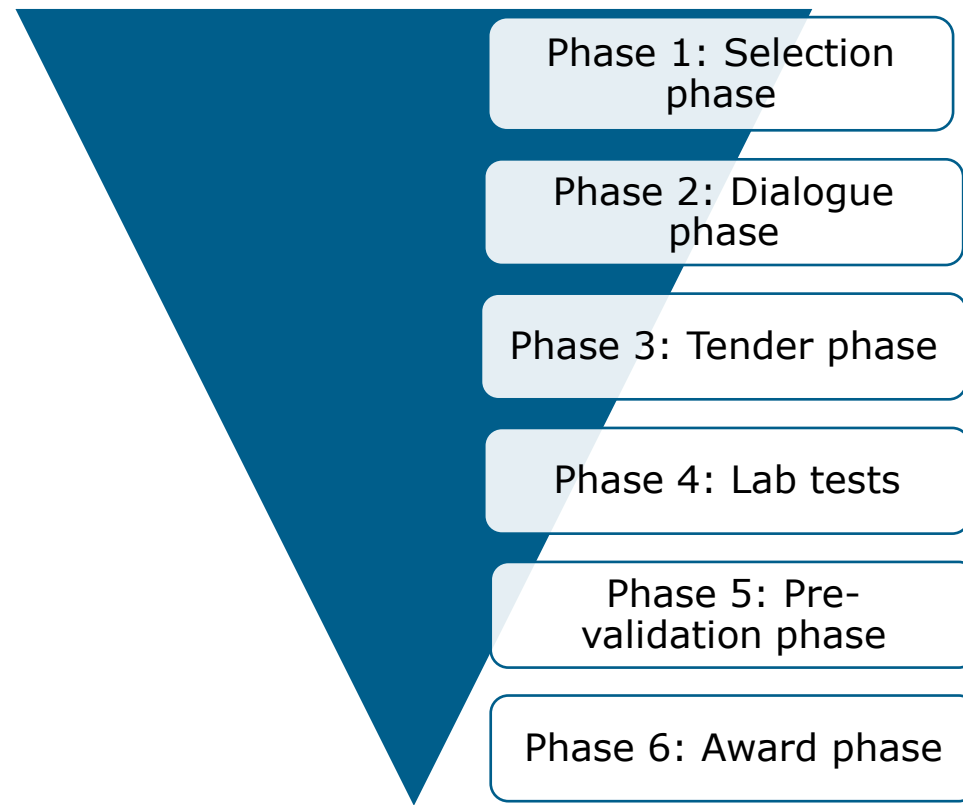


Direction technical solution

- > COTS
- > Class AA according to IEC 60751:2022 or equivalent
- > Digital output (for example Modbus over RS-485)
- > Adjustment functionality
- > Response time -> faster is not better
- > Modular has preference -> easy repair



The procedure





Planning

Activity	Date
Phase 1 Selection phase	
Sending the request to participate via www.TenderNed.nl	Friday, 18 September 2026
Information meeting	Thursday, 1 October 2026, starting 14.00 – 15.30 CET. See paragraph 5.4.2. Information meeting to register <u>before 30 September 2026, 23.59 CET</u>
Closing date for asking questions via www.TenderNed.nl (first round).	Friday, 2 October 2026, 12.00 CET
Publication of the information notice via www.TenderNed.nl .	Thursday, 8 October 2026
Closing date and latest receipt Requests to participate via www.TenderNed.nl.	Thursday, 15 October 2026, 12:00 CET
Opening Requests to participate via digital safe TenderNed.	Thursday, 15 October 2026, 12:01 CET
Review submitted Requests to Join.	Week 43 2026
Notification of the selection decision via TenderNed.	Thursday, 29 October 2026
Standstill period (expiry period)	Thursday, 5 November 2026
Submission of required supporting documents (see section 4.2	Thursday, 12 November 2026



Planning

Phase 2 Dialoog phase	
Receipt of tender documents relating to the award phase (award guidelines and appendices)	Thursday, 26 November 2026
Closing date for asking questions via www.TenderNed.nl (second round).	Thursday, 10 December 2026, 12.00 CET
Publication of the information notice via www.TenderNed.nl .	Monday, 21 December 2026
Dialogue round 1	Week 3 2027
Dialogue round 2	Week 5 2027



Main objective

- For the KNMI, investing in a **state-of-the-art sensor network** is of primary importance. Without the **best equipment and associated services**, it is not possible for the KNMI to guarantee its most important **core task**, continuity and reliability of meteorological observations, in support of the KNMI's core task: 24/7 monitoring, advising and informing about weather, climate and seismology for safety and quality of life in the Netherlands.



Sub-objectives

- › The KNMI believes it is important that manufacturer/supplier of sensors for KNMI's sensor network are continuously improving and renewing. **Innovative strength** is a basic attitude of our manufacturers/suppliers. Looking to the **future creatively** but also **critically** in a professional way **with the KNMI**.
- › Caring for the KNMI as Contracting Authority and providing peace-of-mind **supporting processes** (maintenance of equipment/speed of partial deliveries/communication) are principles that lead to a healthy and **sustainable collaborative relationship**.



Planning

Phase 3 Tender Phase	
Closing date and latest receipt tender (bid) via www.TenderNed.nl .	Thursday, 11 February 2027, 12.00 CET
Assessing tenders on 'quality'	Week 7 and week 8 2027
Phase 4 Labtesten	
Invitation to supply sensors for lab tests	Week 7 2027
Lab tests: go/no go decision as a result of the lab tests	Week 8 and week 9 2027
Phase 5 Pre-validation	
Pre-validation (assessing sensor)	From week 10 2027
Phase 6 Gunningsphase	
Notification of the intention to award the contract via TenderNed	After completion of pre-validation assessment: mid-September 2027
Standstill period	20 calendar days
Planned date of signature of the Agreement, date of award.	Q4 2027
Entry into force of the Agreement	Q4 2027