

Marktconsultatie Stroefheidsmetingen van Rijkswaterstaat

Nota van Inlichtingen-V1.0

Nr.	Vraag	Antwoord
1	We have questions concerning the Marktconsultatiedocument – page 6 “Scope”: “Jaarlijks wordt door RWS de stroefheid van alle rechter rijkstroken (± 7000 km aan hoofdrijbanen en verbindingswegen) van het Rijkswegennet gemeten met behulp van een meetvoertuig.” Does this mean RWS itself is doing the skid resistance measurements of the 7 000 km or are the 7 000 km part of the project that is to be tendered?	Rijkswaterstaat has all the yearly skid resistance monitoring measurements carried out only by contractors. The total off right lanes to be measured sums up to about 7000 km.
2	We have questions concerning the Marktconsultatiedocument – page 6 “Scope”: The 7 000 km are they in both directions? So apprx. 3,500 km of rechte rijkstroken in one direction and the other 3 500 km in the other direction?	That's correct, about 3500 km right lanes in both directions.
3	We have questions concerning the Marktconsultatiedocument – page 6 “Scope”: Can you provide the participants of the Marktconsultatiedocument a map (ideally in a common GIS format) with the network to be surveyed (even if approximate it is better than no information) and the limits of the two – three regions for which the measurements might be separated?	The regions (parcels) in which the network might be split are not known yet. The two regions in which the network has been split in the present contract are shown in appendix 1. The 100 meter sections to be measured on the right lanes of last year's survey, are listed with its X,Y RD-coordinates in appendix 2.
4	We have questions concerning the Marktconsultatiedocument – page 6 “Scope”: The 15% of the inhaalstroken are apprx. how many measurement km? Apprx. 15% of 7000 km or do not all of the 7000km have inhaalstroken? How long is the minimum section to be measured – how long are these sections on average... Perhaps as example a list from the previous years could be provided? 5.	It's only an approximation related to the km's of measurement on the right lanes, i.e. approximately 1000 km. The list of sections on the “inhaalstroken” of last year is attached as appendix 3.
5	We have questions concerning the Marktconsultatiedocument – page 6 “Scope”: Same question as question 4. for the 5% (van lage stroefheid)	A list of these sections from last year has been attached as appendix 4.
6	We have questions concerning the Marktconsultatiedocument – page 6 “Scope”: Will the sections to be measured regarding 15% of inhaalstroken and 5% von lage stroefheid be communicated to the surveying company together at the beginning of project? So that all can be surveyed together – and if part of the project - that it can be surveyed in one go with the 7 000 km?	They will be communicated at the beginning of the project. However the sections on the list of low friction (5% of the right lanes) should be measured with a time difference of at least 14 days. Reason for this is that the repeated measurements should be more or a less independent. In practice measurement of “inhaalstroken” and right lanes in one go will be difficult because traffic measures have to be taken and should be planned 14 days in advance with the local regional traffic offices.

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7	We have questions concerning the Marktconsultatiedocument – page 6 "Scope": 7. In the current specification for skid resistance measurements of RWS is it part to also capture Right-of-Way-images during the survey and to deliver them together with the measurement data?	In the anticipated contract we expect that ROW-images will be part of it.
8	We have questions concerning the Marktconsultatiedocument – page 6 "Scope": We try do estimate the effort for the surveying company connected to the following part. Could you kindly explain the following text? „Bij de meetopdrachten is het betreffende RWS-district verantwoordelijk voor het verzorgen van de te nemen verkeersmaatregelen, dit in afwijking van de metingen in het kader van de MJPV." How many RWS-Districts are there (ideally a map with their distribution is provided)? What exactly are they responsible for regarding which verkeersmaatregelen?	There are 16 districts grouped in 7 RWS-Regions. Their responsibility regarding the traffic measures is described in the scope of the consultation. The measures to be taken depend on the circumstances and are described in the CROW-publications referred in the scope.
9	We have questions concerning the Marktconsultatiedocument – page 6 "Scope": „Verwacht wordt dat er jaarlijks op het gehele netwerk zo'n 40 meetopdrachten worden uitgevoerd, waarvan de helft binnen 3 dagen uitgevoerd zal moeten worden i.v.m. het spoedeisende karakter." The effort to measure and evaluate short sections in a short time, is several times higher than to measure the same length in a network wide survey. Therefore, it is important to get a better understanding of the need of RWS for these measurement. Similar as for question 4.: Could you describe minimal length, average length of a section to be measured? It is correct that just the measurement needs to be done within three days? Or also the evaluation? How much time will there be for the other half of the sections?	The estimated 40 measurements concern the whole network from which: - 20 should be measured and evaluated within 3 days - the other 20 should be planned within 5 days The measurement might concern more than one lane and sections may lay apart, but within short distance, with a total amount of less than 10 km. Typically they can be measured within a few hours, but of course may be anywhere on the network.
10	Wij hebben het Marktconsultatiedocument ten behoeve van de voorgenomen aanbesteding Stroefheidsmetingen gelezen en hebben daar nog de volgende vraag over: Wat wordt bij vraag 8 op bladzijde 11 bedoeld met "een transitieperiode" ?	Het is voorstelbaar dat het voor een nieuwe opdrachtgever het van groot belang is, dat deze op bepaalde punten in de beginperiode wordt ondersteund door de opdrachtgever om de opdracht succesvol te kunnen uitvoeren.