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Request for Quotations for an TPEG3 Transition Manager		

TISA is an industry association with the mission to create specifications for standardisation in the area of traveller and traffic information. As such it is the creator and maintainer of TMC (ISO 17572 series) and TPEG (ISO 18234 and IS21219 series) specifications. Recent work of TISA has been centred around TPEG Generation 2 (TPEG2) traffic information for drivers on roads (cars, trucks, busses, etc.).

With the advent of automated driving, TISA seeks to review its development processes and focus on establishing specifications targeted at machine-to-machine (M2M) communication rather than addressing human drivers. This requires complete new approaches of how to encode and transmit information – all the way to security considerations and safety requirements imposed by ASIL when traffic information triggers actions in automated driving algorithms.

TISA therefore seeks to employ a **TPEG Generation 3 (TPEG3) Transition Manager** that will help during a 6 month transition period to:

- Define the TPEG3 work scope by preparing and moderating a series of workshops, including consolidation and evaluation of the workshop results
- Introduce new thought models, concepts and approaches
- Propose processes and structured workflows for the technical definition of a TPEG3 family of protocols and technologies
- Report to the TISA Steering Board and align the work with the TISA Committees
- At the end of the assignment ensure a smooth transition of work to TISA Working Groups and Task Forces, primarily to the TPEG Application Working Group (TAWG)

Note that the writing of TPEG3 specifications or even parts thereof is explicitly not within the scope of this project.

Desired profile of the candidate

- Experience in specification and/or international standardization work in the area of automotive ICT¹
- Analytic skills, creativity, familiarity with the ISO-OSI layer model and coding theory, geographic data/maps/location referencing. The assistance from ISO experts is available.
- Experience in motivating and managing large and diverse international/multi-cultural groups of developers. Basically: getting things done!
- Ability to manage a large and diverse work scope as well as structure the outcome to facilitate continuation of work by other groups
- Prior experience with automated driving (field trials, architecture, algorithms, sensors/actuators) is a strong merit

¹ Information & Communication Technology

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Invitation to submit proposals

Interested parties are invited to submit a proposal **until February 09, 2018**, by email to the TISA Executive Office (s.chaufton@tisa.org). The proposal shall include:

- Comprehensive CV, providing detailed information in particular regarding
 - a) past specification and standardization work
 - b) track record of managing diverse, international teams of developers
- 1 page draft/outline of first ideas on how the candidate plans to address the problem at hand and how the work could be structured
- Quotation for 2 work packages with a fixed price for each
 - i. the initial period of 9 months with a scheduled workload of 350 hours and 5 trips
 - ii. an optional extension period of 3 months with 100 hours workload and 3 trips
- References and recommendation letters, if available

The company and the person designated as TPEG3 Transition Manager are required to sign a contract with TISA that covers non-disclosure and IP related terms.

Note that the project is time-limited with one optional extension. TISA does not continue the contract beyond that.

Proposals will be reviewed and, following a final decision by the TISA Steering Board in February 2018, the contract shall be signed on March 19, 2018. This allows the introduction of the TPEG3 Transition Manager to the TISA Committee Meetings on March 20-21, 2018.