# *ANNEX II + III:* TECHNICAL SPECIFICATIONS + TECHNICAL OFFER

**Contract title: Transport modelling and traffic simulation software**

**Publication reference:** MILL/G/TMTSS/2024/01

**Columns 1-2 should be completed by the contracting authority**

**Columns 3-4 should be completed by the tenderer**

**Column 5 is reserved for the evaluation committee**

Annex III - the contractor's technical offer

The tenderers are requested to complete the template on the next pages:

* Column 2 is completed by the contracting authority shows the required specifications (not to be modified by the tenderer),
* Column 3 is to be filled in by the tenderer and must detail what is offered (for example the words ‘compliant’ or ‘yes’ are not sufficient)
* Column 4 allows the tenderer to make comments on its proposed supply and to make eventual references to the documentation

The eventual documentation supplied should clearly indicate (highlight, mark) the models offered and the options included, if any, so that the evaluators can see the exact configuration. Offers that do not permit to identify precisely the models and the specifications may be rejected by the evaluation committee.

The offer must be clear enough to allow the evaluators to make an easy comparison between the requested specifications and the offeredspecifications.

| **1.**  **Item number** | **2.**  **Specifications required** | **3.**  **Specifications offered** | **4.**  **Notes, remarks,  ref to documentation** | **5.**  **Evaluation committee’s notes** |
| --- | --- | --- | --- | --- |
| 1. **PTV VISUM** | **VISUM EXPERT 2024 – SIZE 1 (400 zones, 4000 PT stop areas)**  **The delivery should contain all standard modules, namely:**   * GIS interface for Shape file export; * EMME import; * CUBE import; * Google Transit import; * SATURN import; * TransCAD import; * PTV Vissim interface; * Subnetwork generator; * Background Graphics; * DXF Export; * Distributed Computing; * RBC; * User Interface PrT; * User Interface PuT; * COM Interface; * Count Locations; * 3D Visualisation; * Managed Lanes;   **and the following additional modules:**   * Intersection Capacity Analysis (ICA) * Junction Editor * Environment Module Calculation of Noise Emissions RLS ´90 * Matrix Estimation * Graphical Timetable Editor * Onboard Survey * Line Costing and Revenue Calculation * Detailed Line Blocking * Schematic Line Diagram * Calendar   **The Delivery should also include the Business Analysis Export and MS SQL Interface.**  **The delivery of the license (whatever the format of the key would be) should be performed in 30 days after the contract sign.** |  |  |  |
| 1. **PTV VISSIM** | **VISSIM ADVANCED**  **The delivery should contain all standard modules, and the following additional modules:**   * Graphical User Interface * Signals unlimited size * Signals (Vissig + VAP & VisVAP + Balance + Epics) * External Signal Control * Public Transport * COM interface * Mesoscopic Simulation * Dynamic Assignment * Managed Lanes * Viswalk 10.000 pedestrians   **The Delivery should also include the Application Programmer’s Interface (API Package).**  **The delivery of the license (whatever the format of the key would be) should be performed in 30 days after the contract sign.** |  |  |  |
| 1. **PTV VISUM maintenance (at least 6 months)** | **ENSURE CONSISTENT AND EFFICIENT PERFORMANCE OF PTV VISUM FOR AT LEAST 6 MONTHS**  Timely and effective support in the event of software malfunctions, including but not limited to bug fixes, licensing issues, and configuration or setting adjustments.  **Designated representatives from both parties shall be identified during contract negotiations, and their respective contact details shall be explicitly detailed within the contract itself.**  **The tenderer must furnish a guarantee note affirming that all technical queries raised by the contracting authority, as represented by the designated contact person, will be addressed and responded to within a maximum of three business days.** |  |  |  |
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