Dear Peter,

The price information is confidential and dedicated to HSE.

 Please note that prices quoted of all individual components are well below EU thresholds for obligatory tendering and based on the ERS 2013 price list, excluding VAT.

The assumptions for the price quote for a HSE central infrastucture are:

- One license for each component/engine to be used in a central deployment setting for scalable deployment;

- Maximal use of open source components, as individual components, or as part of an extended version of the component;

- Maximal use of open source third party software (e.g. Apache (application server), Mirth (communication server for systems integration and orchestration), Linux (operating system) and eXist (database)), but e.g. use of Intersystems Ensemble or Oracle databases is possible;

- A push mechanism is used to transfer data from healthcare provider sites and systems to the central HSE infrastructure;

- By nature the central facility can be considered as an ‘information bus’ / interface (e.g. using SOAP/REST), to be used by third party application developers;

- Bespoke components/engines for unique features, always based on open (CEN/ISO) standards;

- Modular design of components for the infrastructure; meaning that different types of components are integrated, but can be replaced by improved versions;

As a result of these conditions HSE will be able to tender for replacement of individual components of the central infrastructure. Also, as a result, HSE can tender for application development (e.g. Diabetes system) / delivery of EHR systems that support the cross enterprise healthcare delivery in a neutral standards conformant way. Thereby creating a level playing field for vendors and other eHealth stakeholders.

**Validation of SAM related software component**:

Semantic data integration and normalisation, including standard viewer based on style sheet, of structured data like HL7v2 messages and database schema’s (Reference Model independent; off the shelf supporting 13606, openEHR and HL7CDA Reference Models as output formats) to be used on top of e.g. Mirth.

Price excluding VAT: 60.000,- Euro initial license fee and 20% of initial license fee for maintenance fee per year.

**Validation of the Data Dictionary software component:**

Base version of ISO 11179 supporting Data Dictionary, suitable for vendor usage, being an open source product integrated in ERS CESIL (cross Enterprise Semantic Interoperability Layer) solution.

Price excluding VAT: 10.000,- Euro initial license fee and 20% of initial license fee for maintenance fee per year.

**Extended version of ISO 11179 supporting Data Dictionary:**

Suitable for full stakeholder usage, based on open source product integrated in ERS CESIL.

Price excluding VAT: 30.000,- Euro initial license fee and 20% of initial license fee for maintenance per year.

**ERS EHR-kernel:**

Not necessarily needed for the validation is the ERS CESIL EHR-middleware and EHR-record persistence , that is Reference Model independent and off the shelf supporting 13606, openEHR and CDA Reference Models. A persistence component is needed for deployment of a central infrastructure when a push mechanism is used.

Price excluding VAT: 90.000,- Euro initial license fee and 20% of initial license fee for maintenance per year.

**Demo infrastructure:**

We did some inquiries (consulted our network) and it turned out that the best offer (price related to services) is from Rackspace (Public Cloud): <http://www.rackspace.nl> which has an infrastructure in the UK.

ERS costs will be 200,- Euro per month when only Linux is used and 450,- Euro per month when there is an additional need for Windows. ERS will take the installation costs for ERS marketed components of CESIL when HSE is willing to pay for 3 hours of support per month plus Rackspace costs for a minimum duration of 6 months.

Price per hour: 100,- Euro, excluding VAT.

We are also happy with an approach in which we agree on a budget for the demo service and stay flexible with regards to how this budget is spent (either Professional Services costs or Rackspace related costs).

Please get back to us when we are not conclusively addressing the questions raised by you.

Best regards,