



For supporting data reporting EFSA will provide a tool to the data providers to map coherently their data with the ones of the proposed data model.

B. Tasks

Basic requirements:

- The technical constraints posed by the tools on which EFSA relies for these activities are the following at present:
 - Oracle for data storage,
 - SAS data integration for data integration processes,
 - Microstrategy as a BI tool and for creating dashboards,
 - SAS and R for data analysis,
 - R-Shiny for creating interactive visualisations,
 - Java and Knime for data reporting tools.
- The new data streams must be made available through a common data store and integrated with EFSA controlled terminology, and from there to the data processing systems, considering the specific software component constraints listed in section above.
- Data streams should employ mechanisms to minimise the impact of changes in the data source and in the data format in terms of the need to refactor the consuming systems of the data platform.
- Security is a centralised process in EFSA therefore should be added as an analysis and implementation step.
- The estimated effort for this request shall not exceed 190 person days as a full year equivalent.
- The duration of the assignment shall not exceed 6 months.

The tenderer is requested to prepare and design a case proposal covering the requirements described in the sub-criteria 4.1, 4.2 and 4.3 below:

Quality award criteria for case study		Maximum achievable points (130 – minimum threshold 85 points)
4.1. Quality of the planning		30 – minimum 20
Provide your planning assumptions, and high-level project plan containing: a decomposition of the project into phases, deliverables and work packages, duration, effort and resource/profile allocation.		30
4.2. Quality of the implementation		50 – minimum 30