



ANNEX 4

Profiles, technical skills and scientific skills

In order to fulfill the services and activities specified in Annex 3, the tenderer will be requested to provide profiles covering the skills below.

1. Technical skills

Scientific data management skills and data analysis and interpretation are the core of this contract.

Data management architectures can be based on different software tools and programming skills. As tools can change and programming languages evolve each profile could be requested to demonstrate experience in data manipulation and interpretation, through CV experience or specific certifications.

The list of software skills, programming competences and skills that EFSA might require during the Framework Contract Activities include:

a. Data management skills*

- 1.a.1. business intelligence tools and data visualisation;
- 1.a.2. controlled terminologies, business glossaries and ontologies;
- 1.a.3. data architectures;
- 1.a.4. data integration pipelines;
- 1.a.5. data validation processes and pipelines;
- 1.a.6. master data management.

b. Software skills*

- 1.b.1. ArcGIS ver 10.2 or above;
- 1.b.2. Azure Cloud and Azure tools and software suite;
- 1.b.3. Container and Kubernetes technology;
- 1.b.4. Knime;
- 1.b.5. Hive and Hadoop;
- 1.b.6. Microstrategy and Microstrategy tools ver. 10 or above;
- 1.b.7. Oracle Server;
- SAS:
- 1.b.8. SAS Studio
- 1.b.9. SAS Data Integration
- 1.b.10. SAS Enterprise guide.
- 1.b.11. Spark.