TITLE OF THE PROCEDURE:

Big Data for Labour Market Intelligence

Authorising department: Project Management Tools and Dissemination Unit

Deadline for application: 17 May 2021

Planned launch date: May 2021

Budget: 40,000€

Scope of the procedure:

The objective of the requested service is to continue the development and qualitative improvement of ETF data-system of Online Job Vacancies analysis.

The OJV-data analysis system should contribute to improve Labour Market Information (LMI) knowledge, adding-value and enriching ETF work with partner countries, with the European Commission and other relevant organisations. The OJV-data should contribute to identify and assess demand (skills, qualifications, occupations, sectors, regions); identify skills rates, pervasiveness of digital / hard / soft skills by occupations; identify emerging skills and changing skills mix; identify and compare indicators of mismatch; contribute to anticipation of future skills and jobs.

Besides the OJV analysis system will contribute to: assess the characteristics and drivers of the landscape of OJVs websites and their use by employers, job seekers; sharpen the policy and wider questions which OJVs analysis can respond and contribute to clarify; explore ways to combine OJVs analysis with other sources and methods for Labour Market Information, including conventional statistical data; contribute to explore innovation and effective use of existing data sources and analytics powered by new data science developments / machine learning.

The focus will be:

- To maintain and monitor the data system Tunisia: continue (OJV) data ingestion, pre-processing, transformation, data mining, classification, interpretation and visualisation of the dataset 2020, using the existing Dashboard.
- To develop and implement a dashboard on green skills and occupations, based on the datasets of all existing country OJV data-systems supported by ETF (Tunisia, Ukraine and a new country started in 2021). The contractor shall advice on the optimal solution for the dashboard
- To improve the existing dashboards of all country OJV data-systems supported by ETF.
- To prepare and contribute to the delivery of an online training course on Big Data for LMI .

Type of contract: Fixed contract service

Selection criteria - technical and professional capacity requested to the economic operator:

- Experience in implementing similar services in the previous two years

Are you interested in this procedure?
Please send an email to Procurement@etf.europa.eu including:

- Title of the procedure
- Name, address and contact person of the legal entity[i] interested in participating in this procedure

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[i] Natural person, public body or private entity.