Terms of Reference

Project title: Global Public Goods

Assignment title: International consultant in trade in data processing

Duty station: Home based

Travel: No

Contract type: International consultant

Background
The International Trade Centre (ITC) is a joint agency of the United Nations and the World Trade Organization for trade-related technical cooperation in developing countries.

ITC’s Trade and Market Intelligence section supports trade policy makers, trade support institutions and enterprises in developing countries in identifying opportunities for product and export market diversification. It does this by developing and maintaining data-driven analytical tools, trade-related analysis methodologies and by offering a wide range of capacity building activities in developing countries.

Inputs of data-driven analytical tools are raw data coming from various sources that require processing, quality checks and computations.

Duties and responsibilities
Under the overall guidance of the Chief, Market Analysis and Research section and the direct supervision of a Market Analyst, the incumbent will contribute to the collection of data from a wide range of sources, its processing and quality checks required before the publication of statistics in market analysis tools. More precisely, he/she will:
• Contribute to the publication of international trade in services statistics:
  o Collect and process quarterly trade in services statistics from national sources (e.g. central banks, national statistics offices).
  
  o Share processed data with UNCTAD and WTO to contribute building the ITC-UNCTAD-WTO common dataset.
  
  o Update Trade Map with the final common quarterly dataset.

• Contribute to the publication of price statistics:
  o Automatize procedures that collect and process market price information from various sources.
  o Manually amend tables in order to include new items.

• Contribute to the publication of international trade in goods statistics:
  o Extract and process monthly trade in goods data from national sources.

**Expected Outputs**

At the end of the contract the following deliverables are expected:

Raw quarterly trade in services data of 2020 collected for at least 10 countries.

  • Processed collected data using the common data processing procedure of ITC, UNCTAD and WTO.
  
  • Shared processed data.
  
  • Include two new sources into Market Price Information (International Grain Council and France AgriMer)
  
  • Trade Map updated.

**Timeline and Payment Schedule**

Contract shall start on 21/09/2020 and end on 31/12/2020.

Each payment after 20 days of work, on satisfactory progress of duties.

**Skills**

• data processing using Excel and R and/or Python programming
• statistics computation
• Critical Thinking
• Problem solving skills
• Innovative
Education

Advanced degree (MA/MSc or other) in Statistics, data analysis, econometrics or economy

Experience

At least a year of working experience in international trade or trade development.

Proven experience in Excel data processing.

Proven experience in R or Python programming.

Proven experience in trade in goods or trade in services statistics.

Knowledge in SAS programming will be an asset

Languages

Excellent knowledge of English or French with a good working knowledge of the other language. Additional UN language is an asset.

Contact

Please send your CV to Christian Delachenal (delachenal@intracen.org), Christophe Durand (durand@intracen.org) and Frank Thomas (thomas@intracen.org) by September 7th.