Food and Agriculture Organization of the United Nations

CALL FOR EXPRESSIONS OF INTEREST - VACANCY ANNOUNCEMENT N°: IRC4580

Issued on: 5 September 2017
Deadline For Application: 19 September 2017

JOB TITLE: Projections Model Database Analyst	**TYPE OF CONTRACT:**	Consultant / PSA
	DUTY STATION:	Rome, Italy
ORGANIZATIONAL UNIT: Trade and Markets Division	**DURATION:**	ASAP - NTE: 31 Dec 2017 (with possibility of extension)

FAO seeks gender, geographical and linguistic diversity in its staff and international consultants in order to best serve FAO Members in all regions.

Qualified female applicants and qualified nationals of non-and under-represented member countries are encouraged to apply.
Persons with disabilities are equally encouraged to apply.
All applications will be treated with the strictest confidence.

Organizational Setting

The Trade and Markets Division monitors and analyses trends in international, regional and national agricultural commodity markets, collecting and disseminating comprehensive market and policy information concerning the major traded commodities and those important to food security. It undertakes forward looking studies and is responsible for the publication of the *OECD-FAO Agricultural Outlook*. The Division analyses global issues that affect agricultural trade, including policy analysis of trade measures and agreements, and provides technical support and capacity building to member states in all these areas. Through its Global Information and Early Warning Service, the Division is also responsible for FAO's early warnings on food shortfalls. The Division houses the secretariats of the Committee on Commodity Problems (CCP), nine Intergovernmental Commodity Groups (IGGs) and the Agricultural Market Information System (AMIS).

Reporting Lines

The Commodity Database Analyst reports to the Team Leader, Medium-Term Outlook and Market Analysis Team, under the overall guidance of the Division Director.

Technical Focus

Perform data management including, but not limited to, compiling and maintaining databases and data quality assurance for the FAO Commodity Simulation Model (COSIMO).

Tasks and responsibilities

- In cooperation with team members, review the existing COSIMO database system with respect to its potential for improvement of compilation procedures and data quality. Develop a plan to implement the findings.
- Specifically, consider procedures for data consistency verification and automated adjustments to ensure market balances.
- Develop data aggregation routines that dynamically align the database with the flexible COSIMO structure.
- In preparation for the *2018 OECD-FAO Agricultural Outlook*, update the COSIMO database using multiple data sources such as FAOSTAT, XCBS, COMTRADE (data dissemination tool available in FAO) and applying the quality assurance procedures described above.
- Develop documentation and training materials to enable model analysts to update commodity – and/or country specific database sections.
- Communicate all developments to the team members in the regular meetings.

CANDIDATES WILL BE ASSESSED AGAINST THE FOLLOWING

Minimum Requirements
- **For Consultants**: Advanced university degree in computer science, statistics, economics, agricultural economics or related area
  For PSA: University degree in computer science, statistics, economics, agricultural economics or related area
- 1-5 years of relevant experience in database management
- Working knowledge of English, French or Spanish and limited knowledge of one of the other two or Arabic, Chinese, Russian

FAO Core Competencies
- Results Focus
- Teamwork
- Communication
- Building Effective Relationships
- Knowledge Sharing and Continuous Improvement

Technical/Functional Skills
- Extent and relevance of experience working with large databases particularly related to commodity markets (commodity market balances)
- Knowledge and extent and relevance of experience in STATA and/or R
- Limited knowledge of TROLL and GAMS could be advantageous

Please note that all candidates should adhere to *FAO Values of Commitment to FAO, Respect for All and Integrity and Transparency.*

ADDITIONAL INFORMATION
- All applications will be reviewed and qualified applicants will be contacted for interviews.
- FAO does not charge a fee at any stage of the recruitment process (application, interview meeting, processing).
- Incomplete applications will not be considered. If you need help, or have queries, please contact: iRecruitment@fao.org
- Applications received after the closing date will not be accepted.
- Only language proficiency certificates from UN accredited external providers and/or FAO language official examinations (LPE, ILE, LRT) will be accepted as proof of the level of knowledge of languages indicated in the online applications.
- For other issues, visit the FAO employment website: http://www.fao.org/employment/home/en/

HOW TO APPLY

To apply, visit the iRecruitment website at http://www.fao.org/employment/irecruitment-access/en/ and complete your online profile. Only applications received through iRecruitment will be considered.

Candidates are requested to attach a letter of motivation to the online profile.

Vacancies will be removed from iRecruitment at 23:59 Central European Time (CET) on the deadline for applications date. We encourage applicants to submit the application well before the deadline date.

If you need help, or have queries, please contact: iRecruitment@fao.org

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