FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS
Terms of Reference for Intern *

Name:			
Job Title:**	Food Safety		
Division/Department:	Joint FAO/IAEA Division of Nuclear Techniques in Food and Agriculture (AGE)		
Programme/Project Number:			
Duty Station:	Seibersdorf, Austria		
Expected Start Date of Assignment:	1 September 2019	**Duration:**	11 months
Reports to:	***Name:*** Mr Qu Liang	***Title:***	Director AGE

* Please note: If this TOR is for Consultant / PSA.SBS contract, the minimum relevant experience required **for the assignment** is as follows:
1 year for a category C 5 years for a category B 12 years for a category A

** Please enter a short title (max 25 chars) for this assignment.

GENERAL DESCRIPTION OF TASK(S) AND OBJECTIVES TO BE ACHIEVED

Under the supervision of the Laboratory Head (Food and Environmental Protection Laboratory, FEPL) and professional staff, the fellow assists research and development activities at FEPL of the Joint FAO/IAEA Division in:

- Implementation of the laboratory work of the sub-programme on improvement of food safety and food control systems;
- Research and development of nuclear analytical methods for food safety and control;
- Instrumental analyses for food safety and quality, including food traceability and authenticity.

KEY PERFORMANCE INDICATORS

Expected Outputs:	Required Completion Date:
• To become familiar with standard operational procedures (SOP) in the preparation, extraction and clean-up of food samples for analysis. • To become familiar with and assist professional and technical staff in performing methods for food authenticity and the detection of contaminants using molecular spectroscopy techniques, as well as statistical analysis, within the framework of a quality assurance programme. • To assist professional and technical staff in the validation of analytical methods for food traceability and authenticity and contaminant control by repeat analysis of samples to characterise method performance.	As required by the supervisor and by the end of the contract.