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

Name:	
Job Title:**	Greenhouse Gas Emission
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: Q1/Q2 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 overall guidance of the Director, Joint FAO/IAEA Division for Nuclear Techniques in Food and Agriculture (AGE) and the direct supervision of the Laboratory Head of the Soil and Water Management and Crop Nutrition Laboratory (SWMCNL), the intern will:

- Receive training in the use of carbon-13 and nitrogen-15 stable isotope based techniques for monitoring greenhouse gas emission and carbon sequestration in soil ….
- Implement short-term and follow up long-term experiments in laboratory, greenhouse and field using laser isotope analysis techniques for monitoring greenhouse gas emission
- Carry out physical and stable isotope analysis of plant, soil and gas samples
- Report experimental results

Duration: 11 months starting in Q1/Q2 2019

Requirements: At least MSc in agricultural or environmental sciences or any related discipline; language skills: proficient in English

KEY PERFORMANCE INDICATORS

Expected Outputs:	Required Completion Date:
Successfully undertake in a timely manner the duties as set out above.	As required by the supervisor and by the end of the contract.