



Internship – Rice Fortification

Nutrition Division, Dili, Timor-Leste

The World Food Programme (WFP) is the leading humanitarian organization saving lives and changing lives, delivering food assistance in emergencies and working with communities to improve nutrition and build resilience. We are currently seeking a candidate to fill a, intern for the position to support rice fortification program in our country office in Dili, Timor-Leste. The candidate should have a detail background as follows:

Brief description of Rice Fortification (RF) in Timor-Leste (TL):

The prevalence of stunting and wasting, respectively 47.1% and 8.6%, in Timor-Leste is significantly above the “Very High” threshold level set by World Health Organization (WHO). Food fortification is considered as the most cost-effective way to improve nutrition, particularly when one considers fortified rice – in a context where rice is the main staple food.

WFP supports rice fortification as an effective approach to improve access to nutritious foods in 13 countries in the world. As more than 80 percent of the households in Timor-Leste consume rice as their staple food, the supplementation of small quantity of micronutrients will bring benefits when the fortified rice becomes available through its Social Safety Net Programs (SSNPs) including school feeding and/or through incentives for rice fortification within the commercial market. Rice offers a good vehicle for fortification in schools to reduce malnutrition in Timor-Leste as seen in Bangladesh, India and Cambodia contexts. WFP Timor-Leste (WFP-TL) is providing end-to-end technical assistance to the Government of Timor-Leste (GoTL) to introduce and scale up rice fortification through SSNPs and the open market. This includes support in procurement of blending machines & Fortified Rice Kernel, capacity building of relevant stakeholders, monitoring and evaluation (wherever applicable), and conducting a Social Behavior Change Communication (SBCC) campaign to generate awareness amongst beneficiaries on benefits of consuming fortified rice.

Currently, WFP is working closely with the GoTL to introduce rice fortification through School Feeding Program (SFP) in 3 municipalities and is planning to expand the coverage to other municipalities.

General Information

- **Title of Post:** Intern – Rice Fortification
- **Supervisor:** Nutrition Officer
- **Unit:** Nutrition

- **Country:** Timor-Leste
- **Duty Station:** Dili, Timor-Leste
- **Duration of internship:** 6-8 months
- **Expected Start Date:** July 1, 2021 (Amendable)

Duties and responsibilities

Under the direct supervision of Nutrition Officer, the candidate will perform the following duties:

- Conduct a desk review to gather data related to rice fortification in Timor-Leste and develop a short report on the same indicating the following:
 - Prevalence of micronutrient deficiencies and strategies to address them.
 - Rice Fortification in TL.
 - Stakeholders and their roles.
 - Existing Social Safety Net Programs – Beneficiaries, entitlements, gaps and challenges.
 - Open market – overview of rice milling industry landscape.
- Support in developing a training module/job aid on technical and program aspects of rice fortification, which includes the following:
 - Anemia – prevalence, signs & symptoms, strategies to address.
 - Rice Fortification – Concept, Quality Assurance/Quality Control (QA/QC), and good handling practices; and
 - Roles and Responsibilities of relevant stakeholders in implementation.
- Participate and support (include technical translation from Chinese to English) in installation, commissioning and trial runs of customized blending machine.
- Develop first draft an operational manual for customized blending machines that will be installed across various municipalities, which includes the following:
 - Specifications and drawings of various components of unit.
 - Standard Operating Procedures (SoP) for operation and maintenance of the unit.
 - List of recommended spares.
 - Preventive maintenance schedule.
 - Cleaning and maintenance schedule; and
 - Templates for maintaining records.
- Develop and submit an end-of-term report on the activities and experiences gained through the internship.

Qualifications and experience

- Currently enrolled in final year of Master Program completed, or recently graduated with master's or PhD program (within the past six months) in discipline related to Food Technology, Food Process Engineering, Food Science and other related fields.
- University course attendance in the past 12 months.
- Excellent command of English (verbal and written); Working knowledge of a second UN language would be an asset.
- Proficiency in MS Office (Word, Excel, Power Point, Outlook)

Required soft skills/WFP Competencies:**Working Languages**

Working knowledge of English (proficiency/level C) is required.

Supervision (Level/Methods of Supervision)

Under the direct supervision of the Nutrition Officer, the incumbent will be provided with close mentoring, guidance and technical supervision. Performance planning and reviews as well as learning and development discussions will be elemental part of the supervision.

Training components

Throughout their assignment WFP interns have access to an industry leading learning platform, WeLearn. Depending on opportunities and availability of funds, he/she may participate in WFP workshops or seminars, as appropriate.

Learning Elements

At the end of the assignment, the Intern should:

- Be able to gather and understand rice fortification and nutrition programing in improving the public health outcomes of a developing country.
- Be able to transform academic knowledge into practical work experiences and gain more experience in the areas of rice fortification and other related information.
- Be able to understand and appreciate the nuances of various components of a public health program.
- Be able to obtain knowledge on how to set activities indicators and outcomes of the planned activities.
- Be able to anticipate and identify potential bottlenecks that could impact the outputs of a public health program and provide possible suggestion for improvements.
- Be able to understand and appreciate the work culture in country office and report directly to a supervisor; and
- Be able to attend any online through **WeLearn** and offline training that required travelling.

Information on the Country of Assignment

- **Living conditions in Dili, Timor-Leste**

Timor-Leste is half of a tropical island on the Australian continental shelf characterized by a rugged mountain chain running east-west that divides the country into a generally warmer north coast and a milder south coast. The capital city, Dili, is located in the north.

COVID-19: To date Timor Leste through early action (closure of borders) has escaped the worst of the global pandemic with only 52 cases (all imported/quarantined) and zero deaths. There is currently no community transmission detected. Given the border closure – WFP is managing a twice monthly humanitarian charter service between KL and Dili, to ensure continuation of personnel and cargo supply chains.

Climate: The climate along the coast is relatively warm hot year-round with an annual average temperature of 30°C. There are two distinct seasons: the north-east monsoon season, which runs from November to March, constitutes the rainy season throughout the country. The south-east monsoon season, which runs from March to October, constitutes the dry season with some rain on the southern coast but otherwise dry and windy conditions in the rest of the country.

Health: There is a national hospital and a limited number of private clinics in Dili and facilities for more complex medical treatment in neighboring countries such as Darwin, Kuala Lumpur or Singapore. As above, WFP globally, is currently operating the humanitarian aviation services – which also supports medivac services for all staff/dependents (regardless of contract).

Diet, Food and Water: Most staple foods can be found in the markets such as rice, meat, vegetables, cooking oil, salt and sugar. There are many local markets around Dili as well as four supermarkets that are stocked with imported goods, mainly from Australia, Indonesia, Singapore and China. Dili has a large number of restaurants, cafes and bars. There is a variety of food ranging from Western to Southeast Asian fare.

Telecommunications: At the moment, there are three telecommunication providers in country, Timor Telecom, Telemor and Telcomsel. While Timor Telecom has been long present, Telemor and Telcomsel were launched in 2013 in Timor-Leste. The SIM cards for Timor Telecom, Telemor, and Telcomsel cost \$2 and pre-paid/pulse cards range from \$1 to \$50.

Hotels: The WFP Country Office will help arrange initial accommodation, at the incumbent's expense. WFP will arrange permission through the MOH for 'home stay' quarantine arrangements and will ensure food availability/logistics/'home office' support for the quarantine period. Most of the hotels in Dili are aimed at internationals and offer a good level of comfort with air-conditioned rooms and in-suite bathrooms.

Permanent Accommodation: Accommodation will range from the very basic to adequate, although many private houses in Dili have been renovated to a reasonable or even considered 'luxurious' level of comfort. The rate of reconstruction and renovation in the districts has been much slower than in Dili. Accommodation is far more likely to be of a very basic level.

Required visa type and Issuance Process: Visa on arrival is applicable with \$30 cost at the International Airport Presidente Nicolau Lobato Dili Timor-Leste. WFP will subsequently arrange a long term 'Special stay authorization' visa.

- **Other relevant information**

Submitted by

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