
TERMS OF REFERENCE SEEKING SERVICE PROVIDER

Project: Swiss Tourism for Sustainable Development in Vietnam (ST4SD)

Code: TOR.C3.04.11.25

Consulting services: **LOW TEMPERATURE DRYER WITH ANTIBACTERIAL UV LAMP -
“HERBAL HARMONY” PROJECT**

Contract term: From: November 2025 To: December 2025

Application deadline: Before 25 Nov 2025

1. Project Introduction

The Swiss Tourism for Sustainable Tourism in Vietnam (ST4SD), financed by the Swiss State Secretariat for Economic Affairs (SECO), aims at making Vietnam's tourism sector more sustainable and inclusive. As part of the economic development cooperation of Switzerland for Vietnam, it is implemented by the consortium of Helvetas Vietnam, a Swiss international NGO, and Center for Rural Economy Development (CRED), a Vietnamese NGO. The Ministry of Culture, Sports and Tourism appoints the Vietnam Authority of Tourism as the project owner.

Hoi An Farm Business Household (An Farm) currently owns 3,000 m² of organic herbal garden and cooperates with local farmers for an additional 5,000 m², growing more than 30 varieties of herbs each year, hand-processing 50 products and welcoming 1,800 tourists. The biggest bottleneck holding back the leap is the drying stage: 40% of the output is moldy or termite-ridden due to complete dependence on the sun, while 4-5 star hotels and export markets require products to be evenly dried, bacteria-free and retain 95% of the active ingredients.

The innovative project “Herbal Harmony” has been approved by the ST4SD program, identifying the immediate investment in a low-temperature dryer with integrated UV light as a breakthrough solution: drying at 40-55 °C to preserve essential oils and polyphenols, while killing 99.9% of mold with UV-C rays without chemicals. With only 20-25 kg/batch, the machine will help An Farm triple its drying capacity (from 8 kg/day to 25 kg/batch), meet fixed orders from 10 Hoi An resorts, achieve international organic certification and expand global online sales channels. This small machine will change the entire value chain: from clean fields to fragrant cups of tea on international guests' tables, while creating 5 more stable jobs for local female workers and reducing 100% of plastic waste from old packaging. Therefore, purchasing the dryer is not just buying equipment, but buying a sustainable future for the entire Hoi An herbal ecosystem.

Beneficiary: Hoi An Farm Business Household (An Farm)
Funded by: ST4SD

II. REQUIRED TECHNICAL SPECIFICATIONS

Equipment name: Low temperature dryer with antibacterial UV lamp

- UV lamp
- Total drying area: $\geq 2 \text{ m}^2$
- Drying capacity: 20-25 kg/batch
- Temperature: 40-80°C, precise setting $\pm 0.5^\circ\text{C}$
- Convection system: centrifugal fan + 4 circulating air vents
- Movement (easy to move)
- Power source: 220V/50Hz
- Warranty condition.

III. ORDER AND INSTALLATION TIME

Expected before 15 December 2025

IV. BIDDING REQUIREMENTS

Interested suppliers are requested to send detailed quotations to assist3@st4sd.vn,
Olivier.Messmer@helvetas.org

The email subject line should begin with: [TOR.C3.04.11.2025] LOW TEMPERATURE DRYER WITH ANTIBACTERIAL UV LAMP - "HERBAL HARMONY" PROJECT"

We will contact the unit that meets the above requirements.