



**MINISTRY OF EDUCATION AND TRAINING**  
**Nong Lam University, Ho Chi Minh City**  
**Faculty of Fisheries**

**Date:** October 8, 2019

**To:**

Dr Ram C. Bhujel  
Coordinator  
SSNS Project, EU Erasmus+ (ref. 585924)  
Asian Institute of Technology (AIT)

**Subject:** Equipment list

Dear Dr Bhujel,

We would like to request you/EU Erasmus+ programme to change the equipment list from the original one mentioned in the proposal of SSNS project. We have consulted our instructors and laboratory staff about the need of the following equipment required for the teaching of newly developed courses as part of SSNS project. We have also searched the suppliers and estimated the price/cost of these equipment as shown in Table 1.

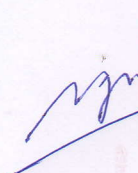
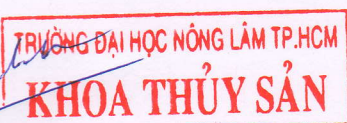
**Table 1.** Equipment proposed by Nong Lam University, Vietnam

SN	Nature type and specifications of the item	Units	Approx. price EURO
1	<b>Class II Biological Safety Cabinet</b> Dimensions: 1350 x 750 x 1400mm, Air Inflow Rate: 0,45 m/s, HEPA filter	1	7,280
2	<b>Centrifuge EBA 280-Hettich</b> Capacity in ml: 6 x 50, Max. RPM (speed): 6000 min <sup>-1</sup> , Angle rotor 6-place, angle 35°	1	3,640
3	<b>Semi-automatic can seamer</b> Capacity 1800 cans/h, Power: 550W/50Hz/220V Height of can: 55-220mm, Diameter of can: 50-150mm Size: 780x490x1530 (mm)	1	1,801
4	<b>Vacuum packaging machine</b> Packaging Type: Bags, Film, Foil, Pouch, Packaging Material: Plastic, aluminum foil, Automatic Grade: Automatic, Power: 110V/220V, Dimension (L*W*H): 575 x 650 x 1020mm, Weight: 165Kg, Material: 304 Stainless Steel, Chamber type: Single Chamber, Sealing Length: 500mm x 10mm (2pcs), Usage: food and non-food.	1	651



SN	Nature type and specifications of the item	Units	Approx. price EURO
5	<b>Autoclave steam sterilizer</b> Capacity: 100 l [D= $\phi$ 440 x 650 mm], Working pressure: 0.22 Mpa, Working temperature: 134 °C, Maximal working pressure: 0.23 Mpa, Heat average $\leq \pm 1$ °C, Timer: 0- 99 min or 0 – 99 h 59 min Adjustment of temperature: 105 – 134 °C Power: 4,5 kW/220V/50Hz Size: 540 x 560 x 1250 mm	1	2,356
6	<b>Fish meat grinder machine</b> Power: 4,5 kW/380 V, Weight: 76 kg Capacity: 320 kg/h, Size: 530x270x500	1	766
7	<b>Sausage stuffer, 10L</b> Power: 25W/220V/50 HZ, Volume: 10 l Production Capacity: 10L Diameter of sausage: 19, 25, 28, 42 mm Size: 420 x 330 x 650 mm	1	345
8	<b>Food dehydrator machine</b> Power: 5 kW/220V/50Hz, Drying temperature: 30 – 95 °C, Drying volume: 1500 l, Drying weight: <150 kg Tray size: 56 x 63 x 2 cm (30 trays), Equipment weight: 300 kg, Final moisture content: 5 – 20% Equipment size: 150 x 90 x 170 cm	1	2,874
9	<b>Projector EPSON EB-2042</b> White Light Output: 4400 Ansi Lumens, Colour Light Output: 4400 Ansi Lumens, Resolution: XGA (1024 x 768), Contrast Ratio: 15,000 : 1	1	1,226
10	<b>Laptop Dell Vostro 14</b> CPU: Intel Core i5-8265U, RAM: 1 x 4GB DDR4 2666MHz, Intel UHD Graphics 620, 1TB HDD 5400RPM	1	1,341
11	<b>Projection screen Dalite 200 inch</b>	1	766
12	<b>Sound system</b>	1	1,916
	<b>Total</b>		<b>24,962</b>

Thank you for your cooperation,  
Sincerely,

Name: Associate Professor Nguyen Nhu Tri, Dr.

Position: Dean

Faculty of Fisheries, Nong Lam University, Ho Chi Minh City, Vietnam