

## 2024 price list for NFLab services for for-profit external customers <sup>a</sup>

Equipment	CR ISO class	Cost	Unit
Personnel cost <sup>b</sup>	-	CHF 100	h
EBL 30 kV Elphy (incl. resist coat)	(none)	<sup>c</sup> CHF 20	h
EBL 100 kV EBPG (incl. resist coat)	5	<sup>c</sup> CHF 40	h
Laser litho. (incl. resist coat)	7	CHF 120	run
Mask Aligner (incl. resist coat)	7	CHF 120	run
Evaporation/sputter (+ metal cost below)	(none)	CHF 100	run
Evaporation in CR (+ metal cost below)	5	CHF 180	run
- Metal Au, Pt or Pd (per thickness deposited)		CHF 1.20	nm
- Metal Al, Ti, Cr included in evaporator reservation			
ALD (Al <sub>2</sub> O <sub>3</sub> , HfO)	(none)	CHF 100	h
PECVD (Si <sub>3</sub> N <sub>4</sub> , SiO <sub>2</sub> )	(none)	CHF 100	run
RIE	(none)	CHF 80	run
ICP-RIE	(none)	CHF 140	run
Plasma asher	(none)	CHF 80	run
Wet etch (incl. HF, KOH, TMAH, acids...)	(none)	CHF 100	h
Wire bonder	(none)	CHF 100	h
Micromanipulator	7	CHF 80	h
Annealing	(none)	CHF 100	h
Charact. SEM	(none)	CHF 120	h
Charact. Microscope, Raman, profilometer, ellipsometry	(none)	CHF 80	h

<sup>a</sup> The prices do not include the VAT

<sup>b</sup> At the moment the total *Personnel* availability is around 5 h / week

<sup>c</sup> For EBL, a minimum of 200 CHF is charged per run