

Operational and unit costs for

The Storage services of the VPSI (EXHEB)

		Equipment	
		Object Storage S3	
		No. of equipment	12
Yearly operational costs, CHF		Total	
Direct costs			
1.1	Salaries and social charges of operational personnel	83 843	83 843
1.2	Consumables		
1.3	Fluid costs		
1.4	Energy (for equipment for which this variable cost is significant)		
1.5	Goods of non-durable value (≤ 4 years)	209 721	209 721
1.6	Others		
Total direct costs (T1)		CHF 293 564	293 564
Other direct costs			
2.1	Salaries and social charges of maintenance personnel	13 308	13 308
2.2	Maintenance contracts	68 157	68 157
2.3	Depreciation (for equipment with a duration ≥ 5 years)	35 107	35 107
2.4	Others	7 754	7 754
Total other direct costs (T2)		CHF 124 326	124 326
Indirect costs			
3.1	Salaries and social charges of administrative personnel	22 624	22 624
3.2	Salaries and social charges of central services personnel	9 000	9 000
3.3	Rent and running expenses of the platform m2 of surface	19 553	19 553
3.4	Others	2 000	2 000
Total indirect costs (T3)		CHF 53 177	53 177
Total operational costs (OPEX)		CHF 471 067	471 067

Unit operational costs, CHF

		Unit		TB
		Usage (Units/year)	A	3 500
		Uptime (Units/year)	B	4 490
U.1	User fee 1 (direct costs)	CHF/unit*m	T1/A	7.00
U.2	User fee 2 (direct costs + other direct costs)	CHF/unit*m	U.1 + T2/B	9.30
U.3	User fee 3 (direct costs + other direct costs + indirect costs)	CHF/unit*m	U.2 + T3/B	10.30

Personnel of the common research facility		FTE	0.90
P.1	Operational		70%
P.2	Maintenance		11%
P.3	Administrative		19%
P.4	Others		0%
Total			100%

OPEX of the platform based on accounting year 2018

EPFL applies standard hourly rates by personnel categories.

(ref. to Standard Annual Productive Hours & Hourly Rates dated December 2018)