

Price List as of February 2020

Foundry Services

1) Scheduled multi-project wafers for standard Nb process:

Standard die size (5 mm x 5 mm)

Please contact foundry@seeqc.com for discount for academic institutions

# of Dies	4 superconducting metal layers ETA = 6 weeks		6 superconducting metal layers ETA = 8 weeks	
		With bump		With bump
1	\$14,400	\$16,000	\$19,200	\$20,800
2	\$27,900	\$29,500	\$37,200	\$38,800
3	\$40,500	\$42,100	\$54,000	\$55,600
4	\$52,200	\$53,800	\$69,600	\$71,200
5	\$63,000	\$64,600	\$84,000	\$85,600

Available Processes: Critical current density $J_c = 1, 10, 45, 100 \mu\text{A}/\mu\text{m}^2$

Delivery: 10 chips per die will be delivered, additional chips can be purchased for \$300/chip

2) Other services

Service	Description	Setup Price	Unit Price
Multi-chip module (MCM) bonding	Cu, In, Al, or fully superconducting at <3K	\$800	\$600
Sputtering	Sputter deposition of Nb, NbN _x , Ti, TiN _x , Al, Mo, Ta	\$300	\$250/hour
Evaporation	Evaporation of Ti, Pd, Au, Ag, Al, Cu, In	\$300	\$250/hour
Nb – Wire	Annealed Nb Wire	\$250	\$150/foot
Photo-lithography	Deep-UV/i-line	\$300	\$250/hour
Ebeam	Ebeam lithography	\$400	\$310/hour
Dry etching	Cl, F chemistry dry etching	\$150	\$150/hour
CMP	Chemical mechanical planarization	\$300	\$300/hour
Testing	Cryogenic testing at 4.2 k	\$500	\$300/hour

Quotations: Quotations and pro forma invoices furnished upon request

Additional: Quotations for customized process will be provided at customer request

All prices subject to change without notice. All prices, sales and transactions are in US dollar