

SERVICE FEE

No	Service	Unit	Fee for UTM user (excluding GST 6%) (RM)	Fee for local user (excluding GST 6%) (RM)	Fee for international user (excluding GST 6%) (RM)
1	Electron beam lithography – JEOL JBX6300	1 hour	1450.00	1,500.00	1,700.00
2	Photolithography – Mask Aligner	1 hour	175.00	200.00	400.00
3	RF Magnetron Sputtering (Target: SiO ₂ , Si ₃ N ₄ , Al)	1 process	375.00	400.00	600.00
4	Electron Beam Evaporator (Source: Ge, Ni, Ti, Cr, Au, Pt) (Note: Au and Pt to be provided by user)	1 process	375.00	400.00	600.00
5	Thermal Evaporator (Source: Al, Ge, Au) (Note: Au to be provided by user)	1 process	175.00	200.00	400.00
6	Plasma Enhanced CVD	1 process	475.00	500.00	700.00
7	Reactive Ion Etching	1 process	475.00	500.00	700.00
8	Oxygen Plasma Etcher	1 process	135.00	150.00	350.00
9	Plasma Coater	1 process	135.00	150.00	350.00
10	Rapid Thermal Annealer	1 process	75.00	100.00	200.00
11	Hall Effect Measurement	1 sample	75.00	100.00	200.00
12	Surface Profiler	1 hour	75.00	100.00	200.00
13	Solar Simulator	1 hour	135.00	150.00	350.00
14	Raman Spectroscopy	1 sample	250.00	300.00	500.00

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15	Vector Network Analyzer	1 sample	275.00	300.00	500.00
16	Microprober	1 hour	75.00	100.00	200.00
17	Semiconductor Parameter Analyzer	1 hour	75.00	100.00	200.00
18	Potentiostat	1 hour	135.00	150.00	350.00
19	Furnace Annealing in Oxygen or Nitrogen	1 process	135.00	150.00	250.00
	Annealing in NH ₃	1 process	275.00	300.00	500.00
20	Spin Coater	1 sample	5.00	10.00	20.00
21	Oven (Binder) for long time annealing	1 process	50.00	50.00	60.00
	for short time drying	5 processes	5.00	5.00	10.00
22	Sonicator	1 process	45.00	50.00	150.00
23	Viscometer	1 process	45.00	50.00	150.00
24	Sample Preparation / Cleaning Treatment				
	Ethanol, Acetone, DI water and HF Sulfuric, Nitric, HCl	1 sample 1 sample	10.00 30.00	10.00 30.00	20.00 50.00
25	Resist Coating ZEP 520A (size not more than 1cm ²)	1 sample	100.00	150.00	200.00
	ZEP520A (size more than 1cm ²)	1 sample	200.00	250.00	300.00
	PMMA	1 sample	50.00	70.00	100.00
	AZ	1 sample	50.00	100.00	150.00



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Service Provider

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