

UNIVERSITI
TEKNOLOGI
MARA

Keterangan : **S1** = Keriya Wan Ahmad Siteg, **K1** = Keriya Perdana Menteri Untuk Melahirkan Jurutera Bumiputera Bidang Elektrikal dan Elektronik Dalam Industri Semikonduktor di Fakulti Kejuruteraan Elektrik, Kompleks Kejuruteraan UiTM Shah Alam.

BIL	KETERANGAN	UNIT	HARGA (RM)
	BILL NO.2 : CIVIL WORKS		
2B	NEW WORKS		
	(These works include supplying, installing, constructing and relating to the work completed perfectly in accordance with the specifications and drawings. All examples and colors of materials must be approved by the S.O. The contractor MUST submit the catalogue for the selection, together with the drawings and specifications provided)		
A	FASA 1		
1	ARAS 4 BLOK 4		
	Wall		
a	Supply & paint existing wall with selected paint finished on one side from floor up to slab level (4800mm height) all around to S.O approval. Refer to drawing.	LS	
	Door		
b	Existing doors to be painted with selected paint finished c/w all accessories to S.O approval. Refer to drawing.	LS	
	Signage		
c	Supply and install new signage (S1) to manuf's detail & arch's approval. Refer to detail drawing.	LS	
1.1	OTHERS		
	Any other works which are not mentioned above but necessary for completion and S.O. approval (tenderer must state below)		
	i)	LS	
	ii)	LS	
	iii)	LS	
2	ARAS 6 BLOK 4		
	signage		
a	Supply and install new signage (S1) to manuf's detail & arch's approval. Refer to detail drawing.	LS	
2.1	OTHERS		
	Any other works which are not mentioned above but necessary for completion and S.O. approval (tenderer must state below)		
	i)	LS	
	ii)	LS	

BIL	KETERANGAN	UNIT	HARGA (RM)
	iii)	LS	
3	ARAS 10 BLOK 4		
	Wall		
a	Supply & paint existing wall with selected paint finished from floor up to ceiling level (2500mm height) all around to S.O approval. Refer to drawing.	LS	
	Magnetic Tempered Glass Writing Panel		
b	Supply and install new (WG 1) 1800mm (L) x 1200mm (W) magnetic tempered glass writing panel with spacers & aluminium pen tray at IC design 1 to manuf's detail and S.O approval. Refer to Drawing	LS	
c	Supply and install new (WG 2) 1500mm (L) x 1200mm (W) magnetic tempered glass writing panel with spacers & aluminium pen tray at IC design 1 & IC Design 3 to manuf's detail and S.O approval. Refer to Drawing	LS	
d	Supply and install new (WG 3) 1200mm (L) x 1200mm (W) magnetic tempered glass writing panel with spacers & aluminium pen tray at IC design 1 & IC Design 2 to manuf's detail and S.O approval. Refer to Drawing	LS	
e	Supply and install new (WG 4) 900mm (L) x 1200mm (W) magnetic tempered glass writing panel with spacers & aluminium pen tray at IC design 3 to manuf's detail and S.O approval. Refer to Drawing	LS	
	Door		
f	Existing doors to be painted with selected paint finished c/w all accessories to S.O approval. Refer to drawing.	LS	
	signage		
g	Supply and install new signage (S1) to manuf's detail & arch's approval. Refer to detail drawing.	LS	
h	Supply and install new signage (S2) to manuf's detail & arch's approval. Refer to detail drawing.	LS	
3.1	OTHERS		
	Any other works which are not mentioned above but necessary for completion and S.O. approval (tenderer must state below)		
	i)	LS	
	ii)	LS	
	iii)	LS	
B	FASA 2		
1	ARAS 5 BLOK 4		

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BIL	KETERANGAN	UNIT	HARGA (RM)
	Cement board rebated edges		
a	Supply and install new 12mm thick cement board rebated edges up to ceiling height with selected paint finish on bothsides & all accessories to manuf's detail & S.O approval. Refer to Drawing.	LS	
	Wall		
b	Supply & paint existing wall with selected paint finished from floor up to ceiling level (2466mm height) at Makmal Pengujian dan Pengukuran Peranti Semikonduktor all around to S.O approval. Refer to drawing.	LS	
c	Supply & paint existing wall with selected paint finished from floor up to slab level (3808mm height) at Makmal Elektronik 3 all around to S.O approval. Refer to drawing.	LS	
	Ceiling		
d	Supply and install new 600mm x 1200mm x 12mm thick fibrous suspended ceiling board including all necessary framing & accessories to manuf's detail and S.O approval. Refer to drawing.	LS	
	Door		
e	Supply and install new door (D1) 900mm x 2100mm x 6mm thick float glass selected decorative solid core panel single leaf door in laminate finish complete with solid timber edging c/w metal door frame with powder coated paint, frosted sticker finish, s/s lever handle, lockset & accessories as appropriate to manuf's detail & S.O approval. Refer to detail drawing.	LS	
f	Supply and install new door (D2) 1800mm x 2100mm x 6mm thick float glass selected decorative solid core panel double leaf door in laminate finish complete with solid timber edging c/w metal door frame with powder coated paint, frosted sticker finish, s/s lever handle, lockset & accessories as appropriate to manuf's detail & S.O approval. Refer to detail drawing.	LS	
g	Existing doors to be painted with selected paint finished c/w all acessories to S.O approval. Refer to drawing.	LS	
	Window		
h	Supply and install new window (W1) 1200mm x 1200mm x 6mm thick fix clear glass with bronze anodised aluminium frame c/w frosted sticker to manuf's detail & S.O approval. Refer to detail drawing.	LS	
	Electrical Lab Test Workbench		
i	Supply and install new 3 unit electrical lab test workbench 3600mm x 1800mm c/w plug point as a S.O approval. Refer to detail drawing.	LS	
	signage		

Keterangan : ~~Salam~~ KERAJAAN MALAYSIA, Menteri Pertama Menteri Untuk Melahirkan Jurutera Bumiputera Bidang Elektrikal dan Elektronik Dalam Industri Semikonduktor di Fakulti Kejuruteraan Elektrik, Kompleks Kejuruteraan UiTM Shah Alam.

BIL	KETERANGAN	UNIT	HARGA (RM)
j	Supply and install new signage (S1) to manuf's detail & arch's approval. Refer to detail drawing.	LS	
1.1	OTHERS		
	Any other works which are not mentioned above but necessary for completion and S.O. approval (tenderer must state below)		
	i)	LS	
	ii)	LS	
	iii)	LS	
2	ARAS 8 BLOK 5		
	Cement board rebated edges		
a	Supply and install new 12mm thick cement board rebated edges up to ceiling height with selected paint finish on bothsides & all accessories to manuf's detail & S.O approval. Refer to Drawing.	LS	
	Wall		
b	Supply & paint existing wall with selected paint finished from floor up to ceiling level (2491mm height) at Makmal Sistem Terbenam Dan Auto Semikonduktor all around to S.O approval. Refer to drawing.	LS	
c	Supply & paint existing wall with selected paint finished from floor up to ceiling level (2510mm height) at Bilik Penolong Jurutera all around to S.O approval. Refer to drawing.	LS	
d	Supply & paint existing wall with selected paint finished from floor up to ceiling level (2489mm height) at Industri Pintar all around to S.O approval. Refer to drawing.	LS	
	Floor		
e	Supply and install selected colours from mipolam esprit 500, 2mm thick antibacterial, fungicidal and high -performance homogenous with pur protect 20m roll gerfloor vinyl flooring or equivalent with 10 years product warranty to S.O Approval. To apply a self levelling compound and moisture testing may be required for concrete subfloors to S.O approval.	LS	
	The product should be installed by experience professional specialist & applicator c/w installation and product warranty.		
	(Applicator certificate to be proven before application on site to S.O approval).		
	Door		
f	Existing doors to be painted with selected paint finished c/w all acessories to S.O approval. Refer to drawing.	LS	
	Window		

Tajuk Projek	: Kerja Projek Naiktaraf Makmal Pengajaran dan Pembelajaran (PdP) di Makmal FYP/IDP Semikonduktor di Aras 4, Electrical Machine Lab di Aras 6, Makmal Perisian Mikroelektronik di Aras 10, Makmal Elektronik 1 dan Makmal Pengujian & Pengukuran Semikonduktor di Aras 5 serta Makmal Sistem Terbenam dan Automasi Proses
Keterangan	: Seminar KUALA LUMPUR MARSI 2021 Kerja Kursus Perdana Menteri Untuk Melahirkan Jurutera Bumiputera Bidang Elektrikal dan Elektronik Dalam Industri Semikonduktor di Fakulti Kejuruteraan Elektrik, Kompleks Kejuruteraan UiTM Shah Alam.

BIL	KETERANGAN	UNIT	HARGA (RM)
g	Supply and install new window (W1) 4000mm x 1200mm x 10mm thick fixed tempered glass panel c/w selected full size glass frosted sticker/ film with bronze anodised aluminium frame to manuf's detail and S.O approval. Refer to Detail Drawing.	LS	
	Window		
h	Supply and install new window (W2) 1200mm x 1200mm x 6mm thick fix clear glass with bronze anodised aluminium frame c/w frosted sticker to manuf's detail and S.O approval. Refer to Detail Drawing.	LS	
	signage		
i	Supply and install new signage (S1) to manuf's detail & arch's approval. Refer to detail drawing.	LS	
j	Supply and install new signage (S2) to manuf's detail & arch's approval. Refer to detail drawing.	LS	
k	Supply and install new signage (S3) to manuf's detail & arch's approval. Refer to detail drawing.	LS	
2.1	OTHERS		
	Any other works which are not mentioned above but necessary for completion and S.O. approval (tenderer must state below)		
	i)	LS	
	ii)	LS	
	iii)	LS	
JUMLAH (RM)			