

MAKLUMAT SPESIFIKASI KERJA (SKOP TERPERINCI)

Tajuk Projek : CADANGAN MENAIKTARAF BILIK-BILIK TANDAS DI ARAS 2, 3 DAN 4 SERTA KERJA-KERJA LAIN YANG BERKAITAN DI BANGUNAN AKADEMIK 2, KOMPLEKS AL-FARABI, ARSHAD AYUB GRADUATE BUSINESS SCHOOL (AAGBS), UiTM SHAH ALAM

Keterangan : 3.1 - Kerja-Kerja Awam (Baru)

BIL	KETERANGAN	UNIT	HARGA (RM)
	NEW WORKS		
	Notes and General Information :-		
	All prices must include supply, deliver and install/apply and all necessary equipment and work facilities for the work such as high-pressure water pumps, pipe hoses, ladders, machinery/cranes, gondolas, 'scaffolding, sky lifts' or other related tools, especially all types of safety and testing equipment?s. The Tender Price shall be Firmed Price and shall include all Custom Duties, Sales Tax or other related taxes Insurance, transportation, hoisting of equipment?s. Any items that has been left out in the pricing but mentioned either in the Specification, Tender Drawings, Schedule Of Technical Data or requirement of the Regulation Body shall be deemed included in the overall Total Tender Prices.		
	All material and paint color scheme must be prepared and submitted for UiTM S.O Representative selection & approval before the works is carried out. All works must follow the specification and method of application mentioned in the drawing and document.		
1	SECTION A - PUBLIC TOILET LEVEL 2 (MALE & FEMALE)		
	Zone A - Female Toilet		
1.1	Waterproofing		
1.1.1	Supply and apply new laticrete hydro barrier waterproofing membrane complete with laticrete 282 admix mortar sr mortar cement screed laticrete 323 cementitious adhesive and laticrete 1600 unsanded grout to match with floor and wall tiles at all internal wet area complete system or equivalent including 10 years manufacturer's performance certificate warranty as per manufacturer's detail, S.O approval and Architect Drawing.	LS	
1.1.2	Conducting a full ponding test at whole flat area complete with reports and endorsement by specialist as per S.O insutruction.	LS	
1.2	Phenolic Panel		
1.2.1	Supply and install new 12mm thick highpressure laminate phenolic compact board panels sigma habitat series or equivalent which composed of layers of kraft paper in combination with phenolic resin, melamine formaldehyde decorative paper on both sides including all accessories as per manufacturer's detail, S.O approval and Architect Drawing. (DT1)	LS	
1.3	Internal Wall		
1.3.1	Supply and install new 114mm thick brickwall, 900mm width x 300mm height with 18mm thick cement plastered on both sides and to be finished with 300mm x 600mm homogenous wall tiles all around as per specification detail, S.O approval and Architect Drawing.	LS	

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Keterangan : 3.1 - Kerja-Kerja Awam (Baru)

BIL	KETERANGAN	UNIT	HARGA (RM)
1.3.2	Supply and install new 114mm thick brickwall with 18mm thick cement plastered on both sides up to 3000mm height as per specification detail, S.O approval and Architect Drawing.	LS	
1.3.3	Supply and install new 114mm thick brickwall with 18mm thick cement plastered on single sides up to 3000mm height as per specification detail, S.O approval and Architect Drawing.	LS	
1.3.4	Supply and install new 114mm thick brickwall with 18mm thick cement plastered on both sides up to 900mm height on existing brickwall as per specification detail, S.O approval and Architect Drawing.	LS	
1.3.5	Supply and install new 114mm thick brickwall with 18mm thick cement plastered on both sides up to full height as per specification detail, S.O approval and Architect Drawing.	LS	
1.4	Mild Steel Rectangular Hollow Section		
1.4.1	Supply and install new 100mm x 50mm thick mild steel rectangular hollow section complete with antirust paint to be fixed on existing wall as per specification detail, S.O approval and Architect Drawing.	LS	
1.5	Door		
1.5.1	Supply and install new door 12mm thick highpressure laminate phenolic compact board panels sigma habitat series or equivalent size 700mm x 1850mm high which composed of layers of kraft paper in combination with phenolic resin, melamine formaldehyde decorative paper on both sides complete with indicator bolts, auto-close function hinges, thermoplastic coat hook with rubber bumpers including all accessories as per manufacturer's detail, S.O approval and Architect Drawing. (Type D2)	LS	
1.6	Internal Wall Finishes		
1.6.1	Prepare and apply one (1) coat of primer for all existing internal wall and soffit ceiling all around as per specification detail, S.O approval and Architect Drawing. (WF3)	LS	
1.6.2	Prepare and apply two (2) coats of emulsion paint ICI Dulux A1000 matte (fan deck) or equivalent for all existing internal wall and soffit ceiling all around complete with 7 years manufacturer certificate warranty as per specification detail, S.O approval and Architect Drawing. (WF3)	LS	
1.6.3	Supply and install new 300mm x 600mm selected medisias series - (guocera) wall tiles with lacitrate 1600 unsanded grout cement colour or equivalent to be matched with proposed tiles for existing wall and new wall as per manufacturer's detail, S.O approval and Architect Drawing. (WF1)	LS	
1.7	Floor Finishes		

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Keterangan : 3.1 - Kerja-Kerja Awam (Baru)

BIL	KETERANGAN	UNIT	HARGA (RM)
1.7.1	Supply and install new 600mm x 300mm homogenous anti slip R11 flexstone anthracite - (guocera) floor tiles with laticrete 1600 unsanded grout cement colour or equivalent as per manufacturer's detail, S.O approval and Architect Drawing. (FF1)	LS	
1.8	Ceiling Finishes		
1.8.1	Supply and install new 12mm thick plastered board ceiling with suspension system interwall angle profile complete with accessories (boral/inter or equivalent) and to paint with selected ICI Diamond A1000 mate (fan deck) or equivalent as per manufacturer's detail, S.O approval and Architect Drawing. (PC)	LS	
1.8.2	Supply and install new 600mm x 600mm x 6mm thick suspended inter calcium silicate or equivalent complete with accessories as per manufacturer's detail, S.O approval and Architect Drawing. (SC)	LS	
1.9	Mirror		
1.9.1	Supply and install new 600mm x 1200mm high stainless steel 304 black matte powder coated frame with 6mm thick selected mirror complete with 16mm thick plywood backing fix to wall as per manufacturer's detail, S.O approval and Architect Drawing.	LS	
1.10	Counter Top		
1.10.1	Construct new 4300mm x 650mm x 12mm thick 100% acrylic surface counter top staron tempest series or equivalent with 10 years manufacturer warranty on colour variation as per manufacturer's detail, S.O approval and Architect Drawing.	LS	
1.11	Hand-Dryer		
1.11.1	Supply and fix future new dyson airblade v hand-dryer or equivalent complete with 5 years manufacturer warranty as per manufacturer's detail, S.O approval and Architect Drawing.	LS	
1.12	Water Closet & Hand Bidet		
1.12.1	Supply and fix new dual outlet 4.5/3L close couple water closet Johnson Suisse or equivalent complete with fixing bolt, bent outlet connector, stainless steel braided flexible hose, brass cross handle angle valve, ABS hand spray bidet with 1.2m stainless steel flexible hose, brass chromed angle valve with bidet holder and flange-knob handle including all fittings and accessories as per manufacturer's detail, S.O approval and Architect Drawing. (Please refer to description schedule of sanitary fittings)	LS	
1.13	Squatting Pan & Hand Bidet		

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Keterangan : 3.1 - Kerja-Kerja Awam (Baru)

BIL	KETERANGAN	UNIT	HARGA (RM)
1.13.1	Supply and fix new squatting pan with concealed cistern 6/3L white Johnson Suisse size 550mm x 395mm x 310mm high or equivalent complete with andermatt-n integral s-trap, hand spray bidet with 1.2m stainless steel flexible hose, brass chromed angle valve with bidet holder and flange-knob handle, urinal cleansing including all fittings and accessories as per manufacturer's detail, S.O approval and Architect Drawing. (Please refer to description schedule of sanitary fittings)	LS	
1.14	Semi Basin & Lever Basin Tap		
1.14.1	Supply and fix new gemelli rectangular semi insert basin Johnson Suisse size 550mm x 410mm x 165mm or equivalent complete with 1 tap hole, brass chromed bottle trap, stainless steel polished pop up waste, single lever basin tap, stainless steel braided flexible hose, cross handle angle valve including all fittings and accessories as per manufacturer's detail, S.O approval and Architect Drawing. (Please refer to description schedule of sanitary fittings)	LS	
1.15	Stainless Steel Tray		
1.15.1	Supply and install new stainless steel tray with abs holder modern floor grating or equivalent size 153mm x 153mm with frame, tray and abs holder for tiles, anti cockroach filter with auto flap as per manufacturer's detail, S.O approval and Architect Drawing. (Please refer to description schedule of sanitary fittings)	LS	
	Zone B - Male Toilet		
1.16	Waterproofing		
1.16.1	Supply and apply new laticrete hydro barrier waterproofing membrane complete with laticrete 282 admix mortar sr mortar cement screed laticrete 323 cementitious adhesive and laticrete 1600 unsanded grout to match with floor and wall tiles at all internal wet area complete system or equivalent including 10 years manufacturer's performance certificate warranty as per manufacturer's detail, S.O approval and Architect Drawing.	LS	
1.16.2	Conducting a full ponding test at whole flat area complete with reports and endorsement by specialist as per S.O insutruction.	LS	
1.17	Phenolic Panel		
1.17.1	Supply and install new 12mm thick highpressure laminate phenolic compact board panels sigma habitat series or equivalent which composed of layers of kraft paper in combination with phenolic resin, melamine formaldehyde decorative paper on both sides including all accessories as per manufacturer's detail, S.O approval and Architect Drawing. (DT1)	LS	
1.18	Internal Wall		

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Keterangan : 3.1 - Kerja-Kerja Awam (Baru)

BIL	KETERANGAN	UNIT	HARGA (RM)
1.18.1	Supply and install new 114mm thick brickwall, 900mm width x 300mm height with 18mm thick cement plastered on both sides and to be finished with 300mm x 600mm homogenous wall tiles all around as per specification detail, S.O approval and Architect Drawing.	LS	
1.18.2	Supply and install new 114mm thick brickwall with 18mm thick cement plastered on both sides up to 3000mm height as per specification detail, S.O approval and Architect Drawing.	LS	
1.18.3	Supply and install new 114mm thick brickwall with 18mm thick cement plastered on single sides up to 3000mm height as per specification detail, S.O approval and Architect Drawing.	LS	
1.18.4	Supply and install new 114mm thick brickwall with 18mm thick cement plastered on both sides up to 900mm height on existing brickwall as per specification detail, S.O approval and Architect Drawing.	LS	
1.18.5	Supply and install new 114mm thick brickwall with 18mm thick cement plastered on both sides up to full height as per specification detail, S.O approval and Architect Drawing.	LS	
1.19	Mild Steel Rectangular Hollow Section		
1.19.1	Supply and install new 100mm x 50mm thick mild steel rectangular hollow section complete with antirust paint to be fixed on existing wall as per specification detail, S.O approval and Architect Drawing.	LS	
1.20	Door		
1.20.1	Supply and install new door 12mm thick highpressure laminate phenolic compact board panels sigma habitat series or equivalent size 700mm x 1850mm high which composed of layers of kraft paper in combination with phenolic resin, melamine formaldehyde decorative paper on both sides complete with indicator bolts, auto-close function hinges, thermoplastic coat hook with rubber bumpers including all accessories as per manufacturer's detail, S.O approval and Architect Drawing. (Type D2)	LS	
1.20.2	Supply and install new door frontiera hardwood size 900mm x 2100mm high, 3mm HDF high density zen series, 38mm thick skeleton framed, surfaced complete with moisture resistance with white primer, honeycomb core constructed or equivalent, stainless steel lever door handle mortise entrance lockcase SIRIM certified evaloc or equivalent with complete with double sylinder, door closer SIRIM certified 3 box type arm evaloc or equivalent, door hinge 4 nos SIRIM certified ball bearing ss hinges evaloc or equivalent, econframe 1.2mm thick metal door frame, thermoplastic coat hook, reinforced concrete lintol including all accessories as per manufacturer's detail, S.O approval and Architect Drawing. (Type D3)	LS	
1.21	Reinforced Concrete Lintol		

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Keterangan : 3.1 - Kerja-Kerja Awam (Baru)

BIL	KETERANGAN	UNIT	HARGA (RM)
1.21.1	Supply and install reinforced concrete lintol as per specification detail, S.O approval and Architect Drawing.	LS	
1.22	Internal Wall Finishes		
1.22.1	Prepare and apply one (1) coat of primer for all existing internal wall and soffit ceiling all around as per specification detail, S.O approval and Architect Drawing. (WF3)	LS	
1.22.2	Prepare and apply two (2) coats of emulsion paint ICI Dulux A1000 matte (fan deck) or equivalent for all existing internal wall and soffit ceiling all around complete with 7 years manufacturer certificate warranty as per specification detail, S.O approval and Architect Drawing. (WF3)	LS	
1.22.3	Supply and install new 300mm x 600mm selected medisias series - (guocera) wall tiles with lacitrate 1600 unsanded grout cement colour or equivalent to be matched with proposed tiles for existing wall and new wall as per manufacturer's detail, S.O approval and Architect Drawing. (WF1)	LS	
1.23	Floor Finishes		
1.23.1	Supply and install new 600mm x 300mm homogenous anti slip R11 flexstone anthracite - (guocera) floor tiles with laticrete 1600 unsanded grout cement colour or equivalent as per manufacturer's detail, S.O approval and Architect Drawing. (FF1)	LS	
1.24	Ceiling Finishes		
1.24.1	Supply and install new 12mm thick plastered board ceiling with suspension system interwall angle profile complete with accessories (boral/inter or equivalent) and to paint with selected ICI Diamond A1000 mate (fan deck) or equivalent as per manufacturer's detail, S.O approval and Architect Drawing. (PC)	LS	
1.24.2	Supply and install new 600mm x 600mm x 6mm thick suspended inter calcium silicate or equivalent complete with accessories as per manufacturer's detail, S.O approval and Architect Drawing. (SC)	LS	
1.25	Mirror		
1.25.1	Supply and install new 600mm x 1200mm high stainless steel 304 black matte powder coated frame with 6mm thick selected mirror complete with 16mm thick plywood backing fix to wall as per manufacturer's detail, S.O approval and Architect Drawing.	LS	
1.26	Counter Top		
1.26.1	Construct new 3000mm x 650mm x 12mm thick 100% acrylic surface counter top staron tempest series or equivalent with 10 years manufacturer warranty on colour variation as per manufacturer's detail, S.O approval and Architect Drawing.	LS	
1.27	Hand-Dryer		

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Keterangan : 3.1 - Kerja-Kerja Awam (Baru)

BIL	KETERANGAN	UNIT	HARGA (RM)
1.27.1	Supply and fix future new dyson airblade v hand-dryer or equivalent complete with 5 years manufacturer warranty as per manufacturer's detail, S.O approval and Architect Drawing.	LS	
1.28	Water Closet & Hand Bidet		
1.28.1	Supply and fix new dual outlet 4.5/3L close couple water closet Johnson Suisse or equivalent complete with fixing bolt, bent outlet connector, stainless steel braided flexible hose, brass cross handle angle valve, ABS hand spray bidet with 1.2m stainless steel flexible hose, brass chromed angle valve with bidet holder and flange-knob handle including all fittings and accessories as per manufacturer's detail, S.O approval and Architect Drawing. (Please refer to description schedule of sanitary fittings)	LS	
1.29	Squatting Pan & Hand Bidet		
1.29.1	Supply and fix new squatting pan with concealed cistern 6/3L white Johnson Suisse size 550mm x 395mm x 310mm high or equivalent complete with andermatt-n integral s-trap, hand spray bidet with 1.2m stainless steel flexible hose, brass chromed angle valve with bidet holder and flange-knob handle, urinal cleansing including all fittings and accessories as per manufacturer's detail, S.O approval and Architect Drawing. (Please refer to description schedule of sanitary fittings)	LS	
1.30	Urinal		
1.30.1	Supply and fix new tavenna bi urinal auto-flushing Johnson Suisse size 305mm x 385mm x 730mm high or equivalent complete with waste, fixing, tavenna/montova spreader bi cw cleansing, urinal sensor flushing system with manual operation ac supply, urinal inlet spid, stainless steel urinal connecting hose, angle water splash protection including all fittings and accessories as per manufacturer's detail, S.O approval and Architect Drawing. (Please refer to description schedule of sanitary fittings)	LS	
1.31	Semi Basin & Lever Basin Tap		
1.31.1	Supply and fix new gemelli rectangular semi insert basin Johnson Suisse size 550mm x 410mm x 165mm or equivalent complete with 1 tap hole, brass chromed bottle trap, stainless steel polished pop up waste, single lever basin tap, stainless steel braided flexible hose, cross handle angle valve including all fittings and accessories as per manufacturer's detail, S.O approval and Architect Drawing. (Please refer to description schedule of sanitary fittings)	LS	
1.32	Stainless Steel Tray		

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Keterangan : 3.1 - Kerja-Kerja Awam (Baru)

BIL	KETERANGAN	UNIT	HARGA (RM)
1.32.1	Supply and install new stainless steel tray with abs holder modern floor grating or equivalent size 153mm x 153mm with frame, tray and abs holder for tiles, anti cockroach filter with auto flap as per manufacturer's detail, S.O approval and Architect Drawing. (Please refer to description schedule of sanitary fittings)	LS	
	Zone C - Corridor, Disable Toilet, Concrete Apron & Roof Covering		
1.33	Waterproofing		
1.33.1	Supply and apply new laticrete hydro barrier waterproofing membrane complete with laticrete 282 admix mortar sr mortar cement screed laticrete 323 cementitious adhesive and laticrete 1600 unsanded grout to match with floor and wall tiles at all internal wet area complete system or equivalent including 10 years manufacturer's performance certificate warranty as per manufacturer's detail, S.O approval and Architect Drawing.	LS	
1.33.2	Conducting a full ponding test at whole flat area complete with reports and endorsement by specialist as per S.O insutruction.	LS	
1.34	Internal Wall		
1.34.1	Supply and install new 114mm thick brickwall with 18mm thick cement plastered on both sides up to full height as per specification detail, S.O approval and Architect Drawing.	LS	
1.34.2	Supply and install new 114mm thick brickwall with 18mm thick cement plastered on both sides up to 900mm height on existing brickwall as per specification detail, S.O approval and Architect Drawing.	LS	
1.35	External Wall		
1.35.1	Supply and install new 114mm thick brickwall with 18mm thick cement plastered on both sides up to 150mm height or equivalent as per specification detail, S.O approval and Architect Drawing.	LS	
1.36	Door		
1.36.1	Supply and install new door frontiera hardwood size 1100mm x 2100mm high, 3mm HDF high density zen series, 38mm thick skeleton framed, surfaced complete with moisture resistance with white primer, honeycomb core constructed or equivalent, disable friendly stainless steel lever door handle and toilet mortise body complete with thumbturn inside and emergency release slot coin with indicateds outside SIRIM certified evaloc or equivalent with complete with double sylinder, door hinge 4 nos SIRIM certified ball bearing ss hinges evaloc or equivalent, econframe 1.2mm thick metal door frame, thermoplastic coat hook, reinforced concrete lintol including all accessories as per manufacturer's detail, S.O approval and Architect Drawing. (Type D1)	LS	
1.37	Window		

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BIL	KETERANGAN	UNIT	HARGA (RM)
1.37.1	Supply and install new top hung window bronze anodize colour size 1800mm x 600mm x 1.35mm thick albenestra SCN01 series 40mm depth mullion single point fix, lb aluminium system or equivalent with extrusions aluminium frame campling to MS2289: 2010 (certified by CIDB) complete with MPH 3903 multipoint handle SS304 friction stay, corner bracket, reinforced concrete lintol including all accessories as per manufacturer's detail, S.O approval and Architect Drawing. (Type W1)	LS	
1.38	Reinforced Concrete Lintol		
1.38.1	Supply and install reinforced concrete lintol as per specification detail, S.O approval and Architect Drawing.	LS	
1.39	Internal Wall Finishes		
1.39.1	Prepare and apply one (1) coat of primer for all existing internal wall and soffit ceiling all around as per specification detail, S.O approval and Architect Drawing. (WF3)	LS	
1.39.2	Prepare and apply two (2) coats of emulsion paint ICI Dulux A1000 matte (fan deck) or equivalent for all existing internal wall and soffit ceiling all around complete with 7 years manufacturer certificate warranty as per specification detail, S.O approval and Architect Drawing. (WF3)	LS	
1.40	External Wall Finishes		
1.40.1	Supply and install new suzuka kastone quik/lite series or equivalent complete with corner brick and all related accessories and mortar as per manufacturer's detail, S.O approval and Architect Drawing. (WF2)	LS	
1.40.2	Prepare and apply one (1) coat of primer for all existing external wall and soffit ceiling all around as per specification detail, S.O approval and Architect Drawing. (WF4)	LS	
1.40.3	Prepare and apply two (2) coats of exterior paint ICI Dulux weathershield (fan deck) or equivalent for all existing external wall and soffit ceiling all around complete with 7 years manufacturer certificate warranty as per specification detail, S.O approval and Architect Drawing. (WF4) & (DT9)	LS	
1.41	Floor Finishes		
1.41.1	Supply and install new 600mm x 600mm homogenous anti slip R11 flexstone anthracite - (guocera) floor tiles with laticrete 1600 unsanded grout cement colour or equivalent as per manufacturer's detail, S.O approval and Architect Drawing. (FF2)	LS	
1.41.2	Supply and install new 7-10mm diameter gravel stone as per manufacturer's detail, S.O approval and Architect Drawing. (FF3)	LS	
1.42	Ceiling Finishes		

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Keterangan : 3.1 - Kerja-Kerja Awam (Baru)

BIL	KETERANGAN	UNIT	HARGA (RM)
1.42.1	Supply and install new 12mm thick plastered board ceiling with suspension system interwall angle profile complete with accessories (boral/inter or equivalent) and to paint with selected ICI Diamond A1000 mate (fan deck) or equivalent as per manufacturer's detail, S.O approval and Architect Drawing. (PC)	LS	
1.43	Mirror		
1.43.1	Supply and install new delabie DLB-510202N mirror size 500mm x 600mm x 6mm thick safety glass or equivalent, wall-mounted, rectangular, tilting mirror with bright white, hr nylon handle for easy adjustment for disable people, anti-theft locking including all accessories as per manufacturer's detail, S.O approval and Architect Drawing.	LS	
1.44	Hand-Dryer		
1.44.1	Supply and fix future new dyson airblade v hand-dryer or equivalent complete with 5 years manufacturer warranty as per manufacturer's detail, S.O approval and Architect Drawing.	LS	
1.45	Water Closet & Hand Bidet		
1.45.1	Supply and fix new handicapped dual outlet 4.5/3L water closet set (rimless) rough-in Johnson Suisse or equivalent complete with fixing bolt, handicap cistern, handicap seat with lateral stabilisers, bent outlet connector, stainless steel braided flexible hose, brass cross handle angle valve with quater-turn ceramic catridge, ABS hand spray bidet with 1.2m stainless steel flexible hose, brass chromed angle valve with bidet holder and flange-knob handle including all fittings and accessories as per manufacturer's detail, S.O approval and Architect Drawing. (Please refer to description schedule of sanitary fittings)	LS	
1.46	Handicap Basin & Lever Basin Tap		
1.46.1	Supply and fix new handicap basin 3 semi-punched th size 580mm x 545mm x 190mm high Johnson Suisse or equivalent complete with fixing bolts, stainless steel safety bracket, brass chromed bottle trap, stainless steel polished pop up waste, long lever basin cold tap with check valve, stainless steel braided flexible hose including all fittings and accessories as per manufacturer's detail, S.O approval and Architect Drawing. (Please refer to description schedule of sanitary fittings)	LS	
1.47	Angle Grab Bar & Grab Bar		
1.47.1	Supply and fix new high strength polymade (nylon) angled grab bar 135° center to center size 680mm x 32mm diameter, delabie-drop-down grab bar size 850mm x 290mm x 110m, tube thickness 2mm including all fittings and accessories as per manufacturer's detail, S.O approval and Architect Drawing. (Please refer to description schedule of sanitary fittings)	LS	
1.48	Stainless Steel Tray		

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Keterangan : 3.1 - Kerja-Kerja Awam (Baru)

BIL	KETERANGAN	UNIT	HARGA (RM)
1.48.1	Supply and install new stainless steel tray with abs holder modern floor grating or equivalent size 153mm x 153mm with frame, tray and abs holder for tiles, anti cockroach filter with auto flap as per manufacturer's detail, S.O approval and Architect Drawing. (Please refer to description schedule of sanitary fittings)	LS	
1.49	Fiber Reinforce Plastic		
1.49.1	Supply and install new 600mm x 300mm fiber reinforce plastic complete with accessories and bracket as per manufacturer's detail, S.O approval and Architect Drawing.	LS	
1.50	Concrete Curb		
1.50.1	Supply and install new 200mm x 100mm concrete curb as per specification detail, S.O approval and Architect Drawing.	LS	
1.50.2	Supply and install new 200mm x 100mm concrete curb complete with 150mm diameter UPVC curb drain as per specification detail, S.O approval and Architect Drawing.	LS	
1.51	Aluminium Louvres		
1.51.1	Supply and fix DML 85V/CCL powder coated standard colour aluminium vertical sun louvres comprising of C-shape panel 85mm effective width x 0.55mm thick panel inclusive of aluminium 45" carrier of 1.0mm thick fixed onto approved framing support as per manufacturer's detail, S.O approval and Architect Drawing.	LS	
1.52	Mild Steel Rectangular Hollow		
1.52.1	Supply and install new 150mm x 50mm x 2.2mm mild steel rectangular hollow section structure beam complete with antirust paint fix on existing wall as per manufacturer's detail, S.O approval and Architect Drawing.	LS	
1.52.2	Supply and install new 100mm x 50mm x 1.2mm mild steel rectangular hollow section to be finished with spray paint as per manufacturer's detail, S.O approval and Architect Drawing.	LS	
1.53	Roof Deck		
1.53.1	Supply and install new 875mm x 1025mm x 1.5mm thick UPVC translucent roof deck white nano ek ecoline profile ectsl 35 series overlap with opaque roof or equivalent complete with all accessories as per manufacturer's detail, S.O approval and Architect Drawing.	LS	
1.53.2	Supply and install new 1200mm x 1025mm x 1.5mm thick UPVC opaque roof deck ek ecoline profile ectsl 35 series overlap with translucent or equivalent complete with all accessories as per manufacturer's detail, S.O approval and Architect Drawing.	LS	
1.54	UPVC Flashing		

MAKLUMAT SPESIFIKASI KERJA (SKOP TERPERINCI)

Tajuk Projek : CADANGAN MENAIKTARAF BILIK-BILIK TANDAS DI ARAS 2, 3 DAN 4 SERTA KERJA-KERJA LAIN YANG BERKAITAN DI BANGUNAN AKADEMIK 2, KOMPLEKS AL-FARABI, ARSHAD AYUB GRADUATE BUSINESS SCHOOL (AAGBS), UiTM SHAH ALAM

Keterangan : 3.1 - Kerja-Kerja Awam (Baru)

BIL	KETERANGAN	UNIT	HARGA (RM)
1.54.1	Supply and install new 300mm x 150mm x 1.5mm thick upturn UPVC flashing as per manufacturer's detail, S.O approval and Architect Drawing.	LS	
1.55	Mild Steel 'C' Channel		
1.55.1	Supply and install new 75mm x 45mm x 2.2mm thick mild steel 'C' channel complete with anti rust paint at 900mm centre to centre as per manufacturer's detail, S.O approval and Architect Drawing.	LS	
1.56	Mild Steel Solid Bar Plate		
1.56.1	Supply and install new 120mm x 20mm thick mild steel solid bar plate complete with anti rust paint as per manufacturer's detail, S.O approval and Architect Drawing.	LS	
1.57	Reinforced Concrete Stump		
1.57.1	Construct new 400mm x 250mm x 500mm r.c stump grade 25 including hardcore, lean concrete, cement screed, formwork and reinforcement as per specification detail, S.O approval and Architect Drawing.	LS	
1.58	Railing		
1.58.1	Supply and install 75mm x 20mm thick solid steel bar finished spray paint to be fixed on mild steel rectangular hollow section frame, 75mm x 15mm thick solid steel metal finished with spray paint to be welded, 100mm x 100mm x 6mm thick L shape metal plate fix on new concrete slab finished with spray paint, stainless steel screw including all accessories as per manufacturer's detail, S.O approval and Architect Drawing.	LS	
2	SECTION B - STAFF PANTRY LEVEL 2		
2.1	Waterproofing		
2.1.1	Supply and apply new laticrete hydro barrier waterproofing membrane complete with laticrete 282 admix mortar sr mortar cement screed laticrete 323 cementitious adhesive and laticrete 1600 unsanded grout to match with floor and wall tiles at all internal wet area complete system or equivalent including 10 years manufacturer's performance certificate warranty as per manufacturer's detail, S.O approval and Architect Drawing.	LS	
2.1.2	Conducting a full ponding test at whole flat area complete with reports and endorsement by specialist as per S.O instruction.	LS	
2.2	Mirror		
2.2.1	Supply and install new 2300mm x 900mm stainless steel 304 frame 6mm thick mirror with 16mm thick plywood backing fix to wall including all accessories as per manufacturer's detail, S.O approval and Architect Drawing.	LS	
2.3	Counter Top		

MAKLUMAT SPESIFIKASI KERJA (SKOP TERPERINCI)

Tajuk Projek : CADANGAN MENAIKTARAF BILIK-BILIK TANDAS DI ARAS 2, 3 DAN 4 SERTA KERJA-KERJA LAIN YANG BERKAITAN DI BANGUNAN AKADEMIK 2, KOMPLEKS AL-FARABI, ARSHAD AYUB GRADUATE BUSINESS SCHOOL (AAGBS), UiTM SHAH ALAM

Keterangan : 3.1 - Kerja-Kerja Awam (Baru)

BIL	KETERANGAN	UNIT	HARGA (RM)
2.3.1	Construct new 2050mm x 650mm x 12mm thick 100% acrylic surface counter top staron tempest series or equivalent with 10 years warranty including others related work as per manufacturer's detail, S.O approval and Architect Drawing.	LS	
2.3.2	Construct new 2078mm x 600mm x 12mm thick 100% acrylic surface counter top staron tempest series or equivalent with 10 years warranty including others related work as per manufacturer's detail, S.O approval and Architect Drawing.	LS	
2.3	Sink Bowl, Faucet/Gooseneck		
2.3.1	Supply and fix new selected drop-in/undermount 18-gauge stainless steel kitchen sink chrome finished overall size 530mm x 436mm x 200mm complete with basket waste and plug (watermark approved), 220mm x 322mm selected high quality brass high sport lever handle kitchen faucet/gooseneck kitchen mixer with 10000 times test chrome finished, 10 years warranty including all fittings and accessories as per manufacturer's detail, S.O approval and Architect Drawing. (Please refer to description schedule of sanitary fittings)	LS	
2.4	Aluminium Floor Inlay		
2.4.1	Supply and install new 5-10mm thick aluminium floor inlay as per manufacturer's detail, S.O approval and Architect Drawing.	LS	
2.5	Blockboard		
2.5.1	Supply and install new 50mm thick blackboard to be finished with selected laminate all around (lamitak stone/timber effect) or equivalent complete with all related accessories as per manufacturer's detail, S.O approval and Architect Drawing.	LS	
2.5.2	Supply and install new 36mm thick blackboard door panel handleless to be finished with selected laminate all around (lamitak stone/timber effect) or equivalent complete with damper, softclose hinges and all related accessories as per manufacturer's detail, S.O approval and Architect Drawing.	LS	
2.5.3	Supply and install new 600mm x 50mm thick blackboard to be finished with selected richwood veneer all around or equivalent complete with all related accessories as per manufacturer's detail, S.O approval and Architect Drawing.	LS	
2.5.4	Supply and install new 600mm x 36mm thick blackboard to be finished with selected richwood veneer all around or equivalent complete with all related accessories as per manufacturer's detail, S.O approval and Architect Drawing.	LS	
2.5.5	Supply and install new 50mm thick blackboard drawer panel handleless to be finished with selected laminate all around (lamitak stone/timber effect) or equivalent complete with damper, softclose hinges and all related accessories as per manufacturer's detail, S.O approval and Architect Drawing.	LS	
2.6	Aluminium Skirting		

MAKLUMAT SPESIFIKASI KERJA (SKOP TERPERINCI)

Tajuk Projek : CADANGAN MENAIKTARAF BILIK-BILIK TANDAS DI ARAS 2, 3 DAN 4 SERTA KERJA-KERJA LAIN YANG BERKAITAN DI BANGUNAN AKADEMIK 2, KOMPLEKS AL-FARABI, ARSHAD AYUB GRADUATE BUSINESS SCHOOL (AAGBS), UiTM SHAH ALAM

Keterangan : 3.1 - Kerja-Kerja Awam (Baru)

BIL	KETERANGAN	UNIT	HARGA (RM)
2.6.1	Supply and install new 100mm x 18mm thick aluminium skirting as per manufacturer's detail, S.O approval and Architect Drawing.	LS	
2.7	White Polycem Finish		
2.7.1	Supply and install new white polycem finish as per manufacturer's detail, S.O approval and Architect Drawing.	LS	
2.8	PVC Leg Stand		
2.8.1	Supply and install new adjustable pvc leg stand as per manufacturer's detail, S.O approval and Architect Drawing.	LS	
2.9	Tempered Glass Door		
2.9.1	Supply and install new 2300mm x 525mm x 8mm thick tempered glass door with all accessories as per manufacturer's detail, S.O approval and Architect Drawing.	LS	
2.10	Window		
2.10.1	Supply and install new 2100mm x 900mm x 1.3mm thick aluminium extraction frame bronze color shop front LB aluminium system or equivalent complete with 10mm thick tempered glass, reinforced concrete lintol including all accessories as per manufacturer's detail, S.O approval and Architect Drawing. (Type GW1)	LS	
2.11	Internal Wall Finishes		
2.11.1	Prepare and apply one (1) coat of primer for all existing internal wall and soffit ceiling all around as per specification detail, S.O approval and Architect Drawing. (WF3)	LS	
2.11.2	Prepare and apply two (2) coats of emulsion paint ICI Dulux A1000 matte (fan deck) or equivalent for all existing internal wall and soffit ceiling all around complete with 7 years manufacturer certificate warranty as per specification detail, S.O approval and Architect Drawing. (WF3)	LS	
2.11.3	Supply and install 300mm x 300mm rectangular glass mosaic black silver effect or equivalent as per manufacturer's detail, S.O approval and Architect Drawing. (WF5)	LS	
2.12	Floor Finishes		
2.12.1	Supply and install new 600mm x 300mm homogenous anti slip R11 flexstone anthracite - (guocera) floor tiles with laticrete 1600 unsanded grout cement colour or equivalent as per manufacturer's detail, S.O approval and Architect Drawing. (FF1)	LS	
2.13	Ceiling Finishes		

MAKLUMAT SPESIFIKASI KERJA (SKOP TERPERINCI)

Tajuk Projek : CADANGAN MENAIKTARAF BILIK-BILIK TANDAS DI ARAS 2, 3 DAN 4 SERTA KERJA-KERJA LAIN YANG BERKAITAN DI BANGUNAN AKADEMIK 2, KOMPLEKS AL-FARABI, ARSHAD AYUB GRADUATE BUSINESS SCHOOL (AAGBS), UiTM SHAH ALAM

Keterangan : 3.1 - Kerja-Kerja Awam (Baru)

BIL	KETERANGAN	UNIT	HARGA (RM)
2.13.1	Supply and install new 12mm thick plastered board ceiling with suspension system interwall angle profile complete with accessories (boral/inter or equivalent) and to paint with selected ICI Diamond A1000 mate (fan deck) or equivalent as per manufacturer's detail, S.O approval and Architect Drawing. (PC)	LS	
3	SECTION C - STAFF TOILET LEVEL 3 (MALE)		
3.1	Waterproofing		
3.1.1	Supply and apply new laticrete hydro barrier waterproofing membrane complete with laticrete 282 admix mortar sr mortar cement screed laticrete 323 cementitious adhesive and laticrete 1600 unsanded grout to match with floor and wall tiles at all internal wet area complete system or equivalent including 10 years manufacturer's performance certificate warranty as per manufacturer's detail, S.O approval and Architect Drawing.	LS	
3.1.2	Conducting a full ponding test at whole flat area complete with reports and endorsement by specialist as per S.O insutruction.	LS	
3.2	Phenolic Panel		
3.2.1	Supply and install new 12mm thick highpressure laminate phenolic compact board panels sigma habitat series or equivalent which composed of layers of kraft paper in combination with phenolic resin, melamine formaldehyde decorative paper on both sides including all accessories as per manufacturer's detail, S.O approval and Architect Drawing. (DT1)	LS	
3.3	Internal Wall		
3.3.1	Supply and install new 114mm thick brickwall, 900mm width x 300mm height with 18mm thick cement plastered on both sides and to be finished with 300mm x 600mm homogenous wall tiles all around as per specification detail, S.O approval and Architect Drawing.	LS	
3.3.2	Supply and install new 114mm thick brickwall with 18mm thick cement plastered on single sides up to 3000mm height as per specification detail, S.O approval and Architect Drawing.	LS	
3.3.3	Supply and install new 114mm thick brickwall with 18mm thick cement plastered on both sides up to 900mm height on existing brickwall as per specification detail, S.O approval and Architect Drawing.	LS	
3.3.4	Supply and install new full height 114mm thick brickwall with 18mm thick cement plastered on both sides up to full height as per specification detail, S.O approval and Architect Drawing.	LS	
3.5	Mild Steel Rectangular Hollow Section		
3.5.1	Supply and install new 100mm x 50mm thick mild steel rectangular hollow section complete with antirust paint to be fixed on existing wall as per specification detail, S.O approval and Architect Drawing.	LS	

MAKLUMAT SPESIFIKASI KERJA (SKOP TERPERINCI)

Tajuk Projek : CADANGAN MENAIKTARAF BILIK-BILIK TANDAS DI ARAS 2, 3 DAN 4 SERTA KERJA-KERJA LAIN YANG BERKAITAN DI BANGUNAN AKADEMIK 2, KOMPLEKS AL-FARABI, ARSHAD AYUB GRADUATE BUSINESS SCHOOL (AAGBS), UiTM SHAH ALAM

Keterangan : 3.1 - Kerja-Kerja Awam (Baru)

BIL	KETERANGAN	UNIT	HARGA (RM)
3.6	Door		
3.6.1	Supply and install new door 12mm thick highpressure laminate phenolic compact board panels sigma habitat series or equivalent size 700mm x 1850mm high which composed of layers of kraft paper in combination with phenolic resin, melamine formaldehyde decorative paper on both sides complete with indicator bolts, auto-close function hinges, thermoplastic coat hook with rubber bumpers including all accessories as per manufacturer's detail, S.O approval and Architect Drawing. (Type D2)	LS	
3.6.2	Supply and install new door frontiera hardwood size 900mm x 2100mm high, 3mm HDF high density zen series, 38mm thick skeleton framed, surfaced complete with moisture resistance with white primer, honeycomb core constructed or equivalent, stainless steel lever door handle mortise entrance lockcase SIRIM certified evaloc or equivalent with complete with double cylinder, door closer SIRIM certified 3 box type arm evaloc or equivalent, door hinge 4 nos SIRIM certified ball bearing ss hinges evaloc or equivalent, econframe 1.2mm thick metal door frame, thermoplastic coat hook, reinforced concrete lintol including all accessories as per manufacturer's detail, S.O approval and Architect Drawing. (Type D3)	LS	
3.7	Internal Wall Finishes		
3.7.1	Prepare and apply one (1) coat of primer for all existing internal wall and soffit ceiling all around as per specification detail, S.O approval and Architect Drawing. (WF3)	LS	
3.7.2	Prepare and apply two (2) coats of emulsion paint ICI Dulux A1000 matte (fan deck) or equivalent for all existing internal wall and soffit ceiling all around complete with 7 years manufacturer certificate warranty as per specification detail, S.O approval and Architect Drawing. (WF3)	LS	
3.7.3	Supply and install new 300mm x 600mm selected media series - (guocera) wall tiles with lacitrate 1600 unsanded grout cement colour or equivalent to be matched with proposed tiles for existing wall and new wall as per manufacturer's detail, S.O approval and Architect Drawing. (WF1)	LS	
3.8	Floor Finishes		
3.8.1	Supply and install new 600mm x 300mm homogenous anti slip R11 flexstone anthracite - (guocera) floor tiles with laticrete 1600 unsanded grout cement colour or equivalent as per manufacturer's detail, S.O approval and Architect Drawing. (FF1)	LS	
3.9	Ceiling Finishes		

MAKLUMAT SPESIFIKASI KERJA (SKOP TERPERINCI)

Tajuk Projek : CADANGAN MENAIKTARAF BILIK-BILIK TANDAS DI ARAS 2, 3 DAN 4 SERTA KERJA-KERJA LAIN YANG BERKAITAN DI BANGUNAN AKADEMIK 2, KOMPLEKS AL-FARABI, ARSHAD AYUB GRADUATE BUSINESS SCHOOL (AAGBS), UiTM SHAH ALAM

Keterangan : 3.1 - Kerja-Kerja Awam (Baru)

BIL	KETERANGAN	UNIT	HARGA (RM)
3.9.1	Supply and install new 12mm thick plastered board ceiling with suspension system interwall angle profile complete with accessories (boral/inter or equivalent) and to paint with selected ICI Diamond A1000 mate (fan deck) or equivalent as per manufacturer's detail, S.O approval and Architect Drawing. (PC)	LS	
3.9.2	Supply and install new 600mm x 600mm x 6mm thick suspended inter calcium silicate or equivalent complete with accessories as per manufacturer's detail, S.O approval and Architect Drawing. (SC)	LS	
3.10	Mirror		
3.10.1	Supply and install new 1000mm x 2775mm stainless steel 304 frame 6mm thick mirror with plywood backing fix to wall as per manufacturer's detail, S.O approval and Architect Drawing.	LS	
3.11	Counter Top		
3.11.1	Construct new 2693mm x 600mm x 12mm thick 100% acrylic surface counter top staron tempest series or equivalent with 10 years warranty including others related work as per manufacturer's detail, S.O approval and Architect Drawing.	LS	
3.12	Hand-Dryer		
3.12.1	Supply and fix future new dyson airblade v hand-dryer or equivalent complete with 5 years manufacturer warranty as per manufacturer's detail, S.O approval and Architect Drawing.	LS	
3.13	Water Closet & Hand Bidet		
3.13.1	Supply and fix new dual outlet 4.5/3L close couple water closet Johnson Suisse or equivalent complete with fixing bolt, bent outlet connector, stainless steel braided flexible hose, brass cross handle angle valve, ABS hand spray bidet with 1.2m stainless steel flexible hose, brass chromed angle valve with bidet holder and flange-knob handle including all fittings and accessories as per manufacturer's detail, S.O approval and Architect Drawing. (Please refer to description schedule of sanitary fittings)	LS	
3.14	Squatting Pan & Hand Bidet		
3.14.1	Supply and fix new squatting pan with concealed cistern 6/3L white Johnson Suisse size 550mm x 395mm x 310mm high or equivalent complete with andermatt-n integral s-trap, hand spray bidet with 1.2m stainless steel flexible hose, brass chromed angle valve with bidet holder and flange-knob handle, urinal cleansing including all fittings and accessories as per manufacturer's detail, S.O approval and Architect Drawing. (Please refer to description schedule of sanitary fittings)	LS	
3.15	Semi Basin & Lever Basin Tap		

MAKLUMAT SPESIFIKASI KERJA (SKOP TERPERINCI)

Tajuk Projek : CADANGAN MENAIKTARAF BILIK-BILIK TANDAS DI ARAS 2, 3 DAN 4 SERTA KERJA-KERJA LAIN YANG BERKAITAN DI BANGUNAN AKADEMIK 2, KOMPLEKS AL-FARABI, ARSHAD AYUB GRADUATE BUSINESS SCHOOL (AAGBS), UiTM SHAH ALAM

Keterangan : 3.1 - Kerja-Kerja Awam (Baru)

BIL	KETERANGAN	UNIT	HARGA (RM)
3.15.1	Supply and fix new gemelli rectangular semi insert basin Johnson Suisse size 550mm x 410mm x 165mm or equivalent complete with 1 tap hole, brass chromed bottle trap, stainless steel polished pop up waste, single lever basin tap, stainless steel braided flexible hose, cross handle angle valve including all fittings and accessories as per manufacturer's detail, S.O approval and Architect Drawing. (Please refer to description schedule of sanitary fittings)	LS	
3.16	Stainless Steel Tray		
3.16.1	Supply and install new stainless steel tray with abs holder modern floor grating or equivalent size 153mm x 153mm with frame, tray and abs holder for tiles, anti cockroach filter with auto flap as per manufacturer's detail, S.O approval and Architect Drawing. (Please refer to description schedule of sanitary fittings)	LS	
4	SECTION C - STAFF TOILET LEVEL 4 (FEMALE)		
4.1	Waterproofing		
4.1.1	Supply and apply new laticrete hydro barrier waterproofing membrane complete with laticrete 282 admix mortar sr mortar cement screed laticrete 323 cementitious adhesive and laticrete 1600 unsanded grout to match with floor and wall tiles at all internal wet area complete system or equivalent including 10 years manufacturer's performance certificate warranty as per manufacturer's detail, S.O approval and Architect Drawing.	LS	
4.1.2	Conducting a full ponding test at whole flat area complete with reports and endorsement by specialist as per S.O insutruction.	LS	
4.2	Phenolic Panel		
4.2.1	Supply and install new 12mm thick highpressure laminate phenolic compact board panels sigma habitat series or equivalent which composed of layers of kraft paper in combination with phenolic resin, melamine formaldehyde decorative paper on both sides including all accessories as per manufacturer's detail, S.O approval and Architect Drawing. (DT1)	LS	
4.3	Internal Wall		
4.3.1	Supply and install new 114mm thick brickwall, 900mm width x 300mm height with 18mm thick cement plastered on both sides and to be finished with 300mm x 600mm homogenous wall tiles all around as per specification detail, S.O approval and Architect Drawing.	LS	
4.3.2	Supply and install new 114mm thick brickwall with 18mm thick cement plastered on single sides up to 3000mm height as per specification detail, S.O approval and Architect Drawing.	LS	

MAKLUMAT SPESIFIKASI KERJA (SKOP TERPERINCI)

Tajuk Projek : CADANGAN MENAIKTARAF BILIK-BILIK TANDAS DI ARAS 2, 3 DAN 4 SERTA KERJA-KERJA LAIN YANG BERKAITAN DI BANGUNAN AKADEMIK 2, KOMPLEKS AL-FARABI, ARSHAD AYUB GRADUATE BUSINESS SCHOOL (AAGBS), UiTM SHAH ALAM

Keterangan : 3.1 - Kerja-Kerja Awam (Baru)

BIL	KETERANGAN	UNIT	HARGA (RM)
4.3.3	Supply and install new 114mm thick brickwall with 18mm thick cement plastered on both sides up to 900mm height on existing brickwall as per specification detail, S.O approval and Architect Drawing.	LS	
4.3.4	Supply and install new full height 114mm thick brickwall with 18mm thick cement plastered on both sides up to full height as per specification detail, S.O approval and Architect Drawing.	LS	
4.4	Mild Steel Rectangular Hollow Section		
4.4.1	Supply and install new 100mm x 50mm thick mild steel rectangular hollow section complete with antirust paint to be fixed on existing wall as per specification detail, S.O approval and Architect Drawing.	LS	
4.5	Door		
4.5.1	Supply and install new door 12mm thick highpressure laminate phenolic compact board panels sigma habitat series or equivalent size 700mm x 1850mm high which composed of layers of kraft paper in combination with phenolic resin, melamine formaldehyde decorative paper on both sides complete with indicator bolts, auto-close function hinges, thermoplastic coat hook with rubber bumpers including all accessories as per manufacturer's detail, S.O approval and Architect Drawing. (Type D2)	LS	
4.5.2	Supply and install new door frontiera hardwood size 900mm x 2100mm high, 3mm HDF high density zen series, 38mm thick skeleton framed, surfaced complete with moisture resistance with white primer, honeycomb core constructed or equivalent, stainless steel lever door handle mortise entrance lockcase SIRIM certified evaloc or equivalent with complete with double cylinder, door closer SIRIM certified 3 box type arm evaloc or equivalent, door hinge 4 nos SIRIM certified ball bearing ss hinges evaloc or equivalent, econframe 1.2mm thick metal door frame, thermoplastic coat hook, reinforced concrete lintol including all accessories as per manufacturer's detail, S.O approval and Architect Drawing. (Type D3)	LS	
4.6	Internal Wall Finishes		
4.6.1	Prepare and apply one (1) coat of primer for all existing internal wall and soffit ceiling all around as per specification detail, S.O approval and Architect Drawing. (WF3)	LS	
4.6.2	Prepare and apply two (2) coats of emulsion paint ICI Dulux A1000 matte (fan deck) or equivalent for all existing internal wall and soffit ceiling all around complete with 7 years manufacturer certificate warranty as per specification detail, S.O approval and Architect Drawing. (WF3)	LS	

MAKLUMAT SPESIFIKASI KERJA (SKOP TERPERINCI)

Tajuk Projek : CADANGAN MENAIKTARAF BILIK-BILIK TANDAS DI ARAS 2, 3 DAN 4 SERTA KERJA-KERJA LAIN YANG BERKAITAN DI BANGUNAN AKADEMIK 2, KOMPLEKS AL-FARABI, ARSHAD AYUB GRADUATE BUSINESS SCHOOL (AAGBS), UiTM SHAH ALAM

Keterangan : 3.1 - Kerja-Kerja Awam (Baru)

BIL	KETERANGAN	UNIT	HARGA (RM)
4.6.3	Supply and install new 300mm x 600mm selected medisla series - (guocera) wall tiles with lacitrate 1600 unsanded grout cement colour or equivalent to be matched with proposed tiles for existing wall and new wall as per manufacturer's detail, S.O approval and Architect Drawing. (WF1)	LS	
4.7	Floor Finishes		
4.7.1	Supply and install new 600mm x 300mm homogenous anti slip R11 flexstone anthracite - (guocera) floor tiles with laticrete 1600 unsanded grout cement colour or equivalent as per manufacturer's detail, S.O approval and Architect Drawing. (FF1)	LS	
4.8	Ceiling Finishes		
4.8.1	Supply and install new 12mm thick plastered board ceiling with suspension system interwall angle profile complete with accessories (boral/inter or equivalent) and to paint with selected ICI Diamond A1000 mate (fan deck) or equivalent as per manufacturer's detail, S.O approval and Architect Drawing. (PC)	LS	
4.8.2	Supply and install new 600mm x 600mm x 6mm thick suspended inter calcium silicate or equivalent complete with accessories as per manufacturer's detail, S.O approval and Architect Drawing. (SC)	LS	
4.9	Mirror		
4.9.1	Supply and install new 1000mm x 2775mm stainless steel 304 frame 6mm thick mirror with plywood backing fix to wall as per manufacturer's detail, S.O approval and Architect Drawing.	LS	
4.10	Counter Top		
4.10.1	Construct new 2693mm x 600mm x 12mm thick 100% acrylic surface counter top staron tempest series or equivalent with 10 years warranty including others related work as per manufacturer's detail, S.O approval and Architect Drawing.	LS	
4.11	Hand-Dryer		
4.11.1	Supply and fix future new dyson airblade v hand-dryer or equivalent complete with 5 years manufacturer warranty as per manufacturer's detail, S.O approval and Architect Drawing.	LS	
4.12	Water Closet & Hand Bidet		
4.12.1	Supply and fix new dual outlet 4.5/3L close couple water closet Johnson Suisse or equivalent complete with fixing bolt, bent outlet connector, stainless steel braided flexible hose, brass cross handle angle valve, ABS hand spray bidet with 1.2m stainless steel flexible hose, brass chromed angle valve with bidet holder and flange-knob handle including all fittings and accessories as per manufacturer's detail, S.O approval and Architect Drawing. (Please refer to description schedule of sanitary fittings)	LS	

MAKLUMAT SPESIFIKASI KERJA (SKOP TERPERINCI)

Tajuk Projek : CADANGAN MENAIKTARAF BILIK-BILIK TANDAS DI ARAS 2, 3 DAN 4 SERTA KERJA-KERJA LAIN YANG BERKAITAN DI BANGUNAN AKADEMIK 2, KOMPLEKS AL-FARABI, ARSHAD AYUB GRADUATE BUSINESS SCHOOL (AAGBS), UiTM SHAH ALAM

Keterangan : 3.1 - Kerja-Kerja Awam (Baru)

BIL	KETERANGAN	UNIT	HARGA (RM)
4.13	Squatting Pan & Hand Bidet		
4.13.1	Supply and fix new squatting pan with concealed cistern 6/3L white Johnson Suisse size 550mm x 395mm x 310mm high or equivalent complete with andermatt-n integral s-trap, hand spray bidet with 1.2m stainless steel flexible hose, brass chromed angle valve with bidet holder and flange-knob handle, urinal cleansing including all fittings and accessories as per manufacturer's detail, S.O approval and Architect Drawing. (Please refer to description schedule of sanitary fittings)	LS	
4.14	Semi Basin & Lever Basin Tap		
4.14.1	Supply and fix new gemelli rectangular semi insert basin Johnson Suisse size 550mm x 410mm x 165mm or equivalent complete with 1 tap hole, brass chromed bottle trap, stainless steel polished pop up waste, single lever basin tap, stainless steel braided flexible hose, cross handle angle valve including all fittings and accessories as per manufacturer's detail, S.O approval and Architect Drawing. (Please refer to description schedule of sanitary fittings)	LS	
4.15	Stainless Steel Tray		
4.15.1	Supply and install new stainless steel tray with abs holder modern floor grating or equivalent size 153mm x 153mm with frame, tray and abs holder for tiles, anti cockroach filter with auto flap as per manufacturer's detail, S.O approval and Architect Drawing. (Please refer to description schedule of sanitary fittings)	LS	
5	OTHERS		
5.1	Any other item not specifically mentioned works in the above but necessary to complete the whole works. Failure to fill in the items contained in the drawing but not stated in bill of quantity is Contractor's own cost.(Tenderer to specify).		
	i)	LS	
	ii)	LS	
	iii)	LS	
JUMLAH (RM)			