

DOORS AND WINDOWS

Item	Description	Unit	Amount (S\$)
	<p><u>Timber Doors</u></p> <p><u>Notes:-</u></p> <p>1) All fire rated doors and non-fire rated doors including sliding and swing doors shall be completed with door frames including ironmongeries, backing piece, lintels, architraves, finishes and other necessary fittings and accessories.</p> <p>2) All fire rated door shall be approved by the relevant Fire Authority and with 'Spring' labelled.</p> <p>3) All timber doors and frames are to be finished with the appropriate finishes as Specified in the Drawings.</p> <p>4) The prices for timber doors shall include dowels, holdfast, beadings, louveres, mouldings, linings, accessories, etc.</p> <p>5) The Contractor shall provide and hang all doors as shown in Drawings and in the position as indicated. All doors shall be installed complete with correct tolerance and clearance and all hardware installed in good working order.</p> <p>6) All keys are to be labelled properly and handed over to the Architect on completion.</p> <p><u>Reinforced concrete lintols</u></p> <p>A Door and window lintols complete with concrete, formwork and reinforced with reinforcement bars all to Engineer's details.</p> <p><u>Supply and install the following doors to types and sizes including ironmongeries and other fixing accessories as shown in the Architect's Drawings</u></p> <p><u>Solid core timber door with painted finish on both sides with door frames</u></p> <p>B 1000 x 2400mm high to Staff Rest Room (TD07)</p> <p>C 450 x 2400mm high to Store outside Male Toilet at 2nd Storey (TD12)</p>	Item	
		Item	
		Item	
	To Collection	\$	

DOORS AND WINDOWS

Item	Description	Unit	Amount (\$\$)
A	Timber Doors (Cont'd) Supply and install the following doors to types and sizes including ironmongeries and other fixing accessories as shown in the Architect's Drawings (Cont'd) Solid core timber door with painted finish on both sides with door frames to:- (Cont'd) 1000 x 2400mm high door with vision panel to Teacher's Room (TD17)	Item	
B	1000 x 2400mm high door with vision panel to Small Group Training Room, Art Room, Kindergarten Classroom 2, 3, 5 (TD18)	Item	
C	1000 x 2400mm high door with vision panel to Teacher's Room (TD19)	Item	
D	1000 x 2400mm high timber door with vision panel to Small Group Training Room, Kindergarten Classroom 1, 4, Drama Room, Computer Room, Art Room (TD20)	Item	
E	1500 x 2400mm high timber door with vision panel to Multimedia Room, Social Science Library (TD22)	Item	
F	1000 x 2400mm high timber door with vision panel to Small Group Training Room, Kindergarten Classroom 2 (TD25)	Item	
G	1000 x 2400mm high timber door with vision panel to Kindergarten Classroom 1 (TD26)	Item	
	To Collection	\$	

DOORS AND WINDOWS

Item	Description	Unit	Amount (S\$)
	<u>Timber Doors (Cont'd)</u> <u>Supply and install PSB approved fire rated timber doors complete with timber frames and grounds, fire seals, ironmongeries etc. all in accordance with the manufacturer's details and instructions and to FSB's</u>		
A	1 hour fire rated 1200 x 2400mm high solid core timber door with painted finish on both sides with door frame to Store (TD01)	Item	
B	1 hour fire rated 1500 x 2400mm high solid timber door with painted finish with door frame to 2nd Storey Dry Riser near Stair A (TD03)	Item	
C	1 hour fire rated 1800 x 2400mm high solid timber door with painted finish with door frame to 2nd Storey Dry Riser near Stair B (TD04)	Item	
D	1 hour fire rated 2000 x 2400mm high solid timber door with painted finish with door frame to Dry Riser at 1st Storey (TD05)	Item	
E	1 hour fire rated 600 x 2400mm high solid timber door with painted finish with door frame to ELV riser at 2nd Storey (TD06)	Item	
F	1 hour fire rated 1000 x 2400mm high solid timber door with painted finish with door frame to ELV riser at 1st Storey (TD08)	Item	
G	1 hour fire rated 1200 x 2400mm high solid timber door with painted finish with door frame to ELEC riser at 1st and 2nd Storey (TD09, TD10)	Item	
H	1 hour fire rated 1000 x 2400mm high solid timber door in painted finish with vision panel, door frame to Workshop & Science Lab (TD11)	Item	
J	1 hour fire rated 1200 x 2400mm high solid timber door in painted finish with vision panel, door frame to Stair A, B at 1st and 2nd Storey (TD13,	Item	
K	1 hour fire rated 1000 x 2400mm high solid timber door in painted finish with vision panel, door frame to Workshop & Science Lab (TD21)	Item	
L	1 hour fire rated 1200 x 2400mm high solid timber door in painted finish with vision panel, door frame to Workshop & Science Lab (TD23, TD24)	Item	
	To Collection	\$	

Item	Description	Unit	Amount (S\$)
	<p><u>Aluminium Works</u></p> <p><u>Notes:-</u></p> <p>1) The Contractor is to note that the dimensions are structural opening and the quantities stated herein are indicative only.</p> <p>2) The Contractor should verify the quantities before submission of tender. Any discrepancies should be brought up the attention of the Architect immediately. The Sub-Contractor is to check and verify on the site dimensions before fabrication.</p> <p>3) The colours of all aluminium frames shall be selected by the Architect at a later date.</p> <p>4) All aluminium works to be completed with ironmongeries and hardware accessories, e.g. friction stay, handle, locks to Architect's approval.</p> <p>5) The aluminium specialist is to obtain Authority's approval for structural elements relating to aluminium works before commencement of Works</p> <p>6) The Contractor shall provide suspended glass stiffeners to all glazing works where structural sealant is required between the glazing joint</p> <p>7) The Contractor shall submit all calculation on the structural integrity of all the fixing accessories by their own Professional Engineer as specified in the Specification.</p> <p>8) Pointing to joints to be pressured grout of approved non-shrink grout between aluminium framings and the structural openings.</p> <p>9) Tempered/laminated glass below 1.0m is at comply with BCA 4th Schedule.</p> <p>10) The Contractor's PE to provide calculation and endorsement for submission to the relevant Authority for approval on the required glass.</p> <p>11) To match the colour of all the ironmongery with the window and door frame.</p> <p>12) Thickness of the aluminium frames must be suitable for intended purposes but shall not be less than 3mm thick.</p> <p>13) All fixing accessories, screws used shall be high grade stainless steel. No pop rivets should be used.</p>		
	To Collection	\$	

DOORS AND WINDOWS

Item	Description	Unit	Amount (\$\$)
	<u>Aluminium Doors/ Glazing Works</u> <u>Supply and install the following aluminium doors/ glazing works in powder coated finished (colour of the coating will be decided at a later date by the Architect), door frames, type of glass and thickness as indicated in the drawings including all fixing accessories and all ironmongeries to type and size as shown in Architect's details and 'Door Schedule':-</u>		
A	900 x 2400mm high powder coated aluminium door to Female and Male Toilet at 1st Storey (AD01, AD02)	Item	
B	1000 x 2400mm high powder coated aluminium door to Accessible Toilet at 1st Storey (AD03)	Item	
C	1200 x 2400mm high powder coated aluminium door with vision panel to Stair B at 1st Storey (AD07)	Item	
D	1400 x 2400mm high powder coated aluminium door with vision panel, magnetic latch to New Ramp at 2nd and 3rd Storey (AD08)	Item	
E	1000 x 2400mm high powder coated aluminium door to Kindergarten Classroom 2, 3, 4, 5 (AD10, AD11)	Item	
F	1200 x 1100mm high powder coated aluminium door to Hose Reel at Roof Terrace (AD13)	Item	
G	5791 x 2400mm High aluminium expanded metal mesh with 2 nos of swing doors to Indoor Activity Play Area (MD05)	Item	
H	1 hour fire rated 1200 x 2400mm high powder coated aluminium door with vision panel to Stair A at Roof Terrace (AD04)	Item	
J	1 hour fire rated 1200 x 2400mm high powder coated aluminium door to Dry Riser at Roof Terrace (AD05)	Item	
K	1 hour fire rated 2100 x 2400mm high powder coated aluminium door with vision panel, magnetic latch to Lift Lobby at 1st Storey (AD06)	Item	
L	1 hour fire rated 1700 x 2400mm high powder coated aluminium door with vision panel, magnetic latch to Lift Lobby at 2nd Storey and Roof Terrace (AD09)	Item	
M	1 hour fire rated 1000 x 2400mm high powder coated aluminium door with vision panel to Stair B at Roof Terrace (AD12)	Item	
N	1 hour fire rated 2100 x 2400mm high powder coated aluminium framed glass panel with 2 nos of swing glass doors to Reception & Assembly Foyer (GD01)	Item	
	To Collection	\$	

DOORS AND WINDOWS

Item	Description	Unit	Amount (\$\$)
	<u>Chainlink Fence Gate</u> <u>Supply and install the following chainlink fence gate with hot dipped galvanised mild steel frame in paint finish including necessary foundations, ironmongeries, all fixing accessories and all other related works as shown in Drawings:-</u>		
A	1000 x 1800mm High swing gate to Outdoor Play & Activity Area (MD01)	Item	
B	8720 x 2400mm High manual sliding gate with 2 nos of wicket swing doors to Spectator Seating (MD02)	Item	
C	1755 x 2400mm High fence with swing gate to Corridor at 1st Storey (MD03)	Item	
D	1800 x 2400mm High fence with swing gate to Corridor at 1st Storey (MD04)	Item	
E	2700 x 3013mm High swing gate to Multi-purpose Recreational Court (MD06) -----	Item	
F	Supply and install 1 hour fire rated manual aluminium roller shutter door in powder coat finish with thermal fusible link overall size 3000 x 3470mm high including bottom rail and handler, ironmongeries and all fixing accessories to Staff Rest Room	Item	
	To Collection	\$	

DOORS AND WINDOWS

Item	Description	Unit	Amount (S\$)
	<u>Aluminium Windows/ Glazing Works</u> <u>Supply and install the following aluminium windows/ glazing works in powder coated finished (colour of the coating will be decided at a later date by the Architect), window frames, type of glass and thickness as indicated in the drawings including all fixing accessories and all ironmongeries to type and size as shown in Architect's details and</u>		
A	3000 x 500mm High powder coated aluminium framed glass panel comprising of 3 nos of top hung windows to Male Toilet at 2nd Storey (WD01)	Item	
B	6000 x 500mm High powder coated aluminium framed glass panel comprising of 6 nos of top hung windows to Female Toilet at 2nd Storey (WD02)	Item	
C	2000 x 800mm High powder coated aluminium framed glass panel comprising of 2 nos of top hung windows to Stair A, B (WD03, WD04)	Item	
D	1500 x 1300mm High powder coated aluminium framed glass panel comprising of 3 nos of casement windows to Small Group Training Room, Computer Room, Teacher's Room, Art Room (WD05, WD05A)	Item	
E	3000 x 1300mm High powder coated aluminium framed glass panel comprising of 6 nos of casement windows to Small Group Training Room, Art Room, Drama Room (WD06)	Item	
F	3000 x 1300mm High powder coated aluminium framed glass panel comprising of 6 nos of sliding windows to Multimedia Room, Kindergarten Classroom 1, 2, 3, 4, 5 (WD07)	Item	
G	3000 x 1300mm High powder coated aluminium framed glass panel comprising of 6 nos of sliding windows to Staff Rest Room (WD08)	Item	
H	3000 x 1300mm High powder coated aluminium framed glass panel comprising of 6 nos of sliding windows to Workshop & Science Lab	Item	
J	3000 x 1300mm High powder coated aluminium framed glass panel comprising of 6 nos of sliding windows to Kindergarten Classroom 1, 2, 3, 4, 5, Small Group Training Room, Multimedia Room, Social Science Library, Teachers' Room, Workshop & Science Lab, Computer Room, Drama Room and Art Room (WD11)	Item	
K	1500 x 1300mm High powder coated aluminium framed glass panel comprising of 2 nos of sliding windows located at Small Group Training Room, Workshop & Science Lab (WD12)	Item	
	To Collection	\$	

DOORS AND WINDOWS

[illegible]

DOORS AND WINDOWS

Item	Description	Unit	Amount (S\$)
A	<p><u>Others</u></p> <p>The Contractor shall allow and provide here for works not covered by the foregoing items but are either indicated on Drawings or described in the Specification or alluded elsewhere or which the Contractor deems necessary for the proper execution and completion of the Works. If any of these items are left unpriced, it shall be deemed that the same have been included and allowed for in the overall tender price and no subsequent claim for extra payment arising from the works due to lack of knowledge or any omissions of incidental / ancillary obvious works will be entertained.</p> <p>Provide details as follows:-</p>	Item	
	To Collection	\$	

DOORS AND WINDOWS

Item	Description	Unit	Amount (\$\$)
	COLLECTION		
	Page No. DRWDW/1	
	Page No. DRWDW/2	
	Page No. DRWDW/3	
	Page No. DRWDW/4	
	Page No. DRWDW/5	
	Page No. DRWDW/6	
	Page No. DRWDW/7	
	Page No. DRWDW/8	
	Page No. DRWDW/9	
	To Summary	\$	