

SRI LANKA LAND DEVELOPMENT CORPORAION

BILL OF QUANTITIES

FOR

SUPPLYING, FABRICATING AND FIXING OF ALUMINIUM DOORS AND WINDOWS

AT PROPOSED ADDITION AND ALTERNATION FOR WORKSHOP

AT KIRIMANDALA MAWATHA

ITEM REF.	ITEM DESCRIPTION	QTY.	UNIT	UNIT RATE (Rs.)	TOTAL PRICE (Rs.)
	<p>Note :</p> <p>(a) The Cost for Preliminary items such as necessary bonds including Insurance, Accommodation cost, Contractor's Site Office etc...shall be included to the bidders rates.</p> <p>(b) All glazed units shall be supplied with s/s hardware, furniture & fitting. The schedule of fittings in the drawing is a suggestion only. The bidder shall submit a detail schedule of the hardware, furniture & fittings of all door & windows at the tendering stage the Contractor shall obtain approval for all hardware furniture & fittings before fixing.</p> <p>(c) All aluminium frames of doors & windows fixed glass partitions etc. to be powder coated.</p> <p>(d) The fabricated aluminium doors & windows shall be capable of with standing the specified wind pressure.</p> <p>(e) All weather stripping shall be suitable and resistant to ultra violet rays, water and abrasion and suitable to be used in the relevant weather conditions.</p> <p>(f) The Contractor shall take actual measurements of relevant openings at site before fabricating.</p> <p>(g) Refer specifications & conditions given in the Bidding Document.</p> <p>(h) Thickness of aluminium extrusions to be according to strength.</p>				
1.0	<p>Rate shall include for,</p> <p>Powder coated approved colour aluminium framed doors, windows units consisting of aluminium frames, transoms, mullions, aluminium framed glazed panels, aluminium louvered panels including necessary hardware such as King Long or DP or equivalent hinges, floor hinges, fasteners, stays, bolts, locks, door closers, handles, rubber beadings, glass wool and the like all as detail drawing, ironmongery schedule and specification.</p> <p>Door type D1, size 900 x 2500mm single sash powder coated Aluminium Frame Glazed Door as per the detail in the drawing.</p>	2	nrs		

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ITEM REF.	ITEM DESCRIPTION	QTY.	UNIT	UNIT RATE (Rs.)	TOTAL PRICE (Rs.)
2.0	Door type D2, size 900 x 2500mm single sash door with powder coated Aluminium Frame composite panel door as per the detail in the drawing.	1	nr		
3.0	Door type D3, size 1200 x 2500mm Two sash powder coated Aluminium Frame Glazed Door as per the detail in the drawing.	1	nr		
4.0	Window type W1, size 1200 x 1600mm Two sashes powder coated Aluminium Glazed Window with fixed Glass on top as per the detail in the drawing.	2	nrs		
5.0	Window type W1a, size 1100 x 1600mm Two sashes powder coated Aluminium Glazed Sliding Window as per the detail in the drawing.	2	nrs		
6.0	Window type W1b, size 1100 x 1375mm Two sashes powder coated Aluminium Glazed Sliding Window as per the detail in the drawing.	2	nrs		
7.0	Window type W2, size 1800 x 1600mm Three sashes powder coated Aluminium Glazed Window with fixed Glass on top as per the detail in the drawing.	3	nrs		
8.0	Type FG1, size 2700 x 1600mm Three sashes powder coated Aluminium fixed Glass as per the detail in the drawing.	1	nr		
9.0	Type FG2, size 1300 x 1600mm single sash powder coated Aluminium fixed Glass as per the detail in the drawing.	1	nr		
10.0	Type FG3, size 3600 x 1500mm Four sashes powder coated Aluminium fixed Glass as per the detail in the drawing.	1	nr		
	Door type D12, size 3700 x 3500mm, Powder Coated Aluminium Overhead Roller Door to operate automatically and manually as per detail drawing. Rate to include for all accssories to complete the work in working order.				
A/25	Ground floor Window type W1, size 2250 x 1950mm, powder coated aluminium framed glazed window with louvers on top as per detail drawing.	1	nr		
A/26	Ground floor	1	nr		
A/27	First floor	7	nr		
A/28	Second floor Window type W2, size 1500 x 1950mm, powder coated aluminium framed glazed window with louvers on top as per detail drawing.	7	nr		

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ITEM REF.	ITEM DESCRIPTION	QTY.	UNIT	UNIT RATE (Rs.)	TOTAL PRICE (Rs.)
A/29	Ground floor	8	nr		
A/30	First floor	7	nr		
A/31	Second floor	7	nr		
	Window type W3, size 2250 x 1950mm, powder coated aluminium framed grilled glazed window with louvers on top as per detail drawing.				
A/32	Ground floor	5	nr		
	Window type W4, size 1500 x 1950mm, powder coated aluminium framed grilled glazed window with louvers on top as per detail drawing.				
A/33	Ground floor	2	nr		
	Window type W5, size 1200 x 1800mm, powder coated aluminium framed fixed glazed as per detail drawing.				
A/34	Ground floor	1	nr		
A/35	First floor	1	nr		
A/36	Second floor	1	nr		

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ITEM REF.	ITEM DESCRIPTION	QTY.	UNIT	UNIT RATE (Rs.)	TOTAL PRICE (Rs.)
A/37	Roof floor Window type W6, size 900 x 1950mm, powder coated aluminium framed glazed window with louvers on top as per detail drawing.	1	nr		
A/38	Ground floor	1	nr		
A/39	Second floor Window type W, size 3000 x 1000mm, powder coated aluminium framed fixed glazed window with louvers on top as per detail drawing.	1	nr		
A/40	Ground floor at Pump Room Window type SW1, size 2400 x 1200mm, powder coated aluminium framed glazed sliding window as per detail drawing.	3	nr		
A/41	Ground floor	2	nr		
A/42	First floor Window type SW2, size 1200 x 1200mm, powder coated aluminium framed glazed sliding window as per detail drawing.	1	nr		
A/43	First floor Fan light type F1, size 2000 x 1350mm, powder coated aluminium framed center pivoted glazed with louvers on top as per detail drawing.	1	nr		
A/44	First floor	2	nr		
A/45	Second floor Fan light type F2, size 600 x 1350mm, powder coated aluminium framed center pivoted glazed with louvers on top as per detail drawing.	3	nr		
A/46	First floor	3	nr		
A/47	Second floor Fan light type F3, size 1800 x 1350mm, powder coated aluminium framed center pivoted glazed with louvers on top as per detail drawing.	2	nr		

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ITEM REF.	ITEM DESCRIPTION	QTY.	UNIT	UNIT RATE (Rs.)	TOTAL PRICE (Rs.)
I/48	Ground floor Fan light type F4, size 600 x 1350mm, powder coated aluminium framed center pivoted glazed with louvers on top as per detail drawing.	1	nr		
A/49	Ground floor Fan light type F5, size 750 x 1350mm, powder coated aluminium framed center pivoted glazed with louvers as per detail drawing.	1	nr		
A/50	First floor Fan light type F1a, size 2000 x 1250mm, powder coated aluminium framed center pivoted glazed with louvers on top per detail drawing.	1	nr		
A/51	First floor Fan light type F2a, size 600 x 1250mm, powder coated aluminium framed center pivoted glazed with louvers on top as per detail drawing.	1	nr		
I/52	First floor	1	nr		
METAL AND GLAZING WORK TOTAL					-
B/-	<p>PARTITIONS</p> <p>Note :</p> <p>For the full description of materials and workmanship refer "Specification of works", "Pricing Preambles" and "Drawings".</p> <p>PARTITIONS Glazed & Aluminium composite double board partition</p> <p>76 x 1.2mm thick natural aluminium partition frame, panelled two portions, top portion is panelled with 6mm thick clear glass plane up to 1100mm height and bottom portion is panelled with composite double board 4 mm thk., up to 1000mm height, two boards in both sides of GI channel completed with board joints taped with necessary pop rivets, gasket and suitable size of GI channels at 600mm c/c horizontally , natural aluminium skirting & etc. and work complete in order and details given in the drawings.</p>				
B/01	In first floor	59	m ²		

ITEM REF.	ITEM DESCRIPTION	QTY.	UNIT	UNIT RATE (Rs.)	TOTAL PRICE (Rs.)
	76 x 1.2mm thick natural aluminium partition frame, panelled three portions, top portion is panelled with 6mm thick pinhead glass plane up to beam or slab bottom level height and middle portion is panelled with 6mm thick pinhead glass plane up to 1100mm height, bottom portion is paneled with composite double board 4 mm thk. up to 1000mm height, two boards in both sides of GI channel completed with board joints taped with necessary pop rivets, gasket and suitable size of GI channels at 600mm c/c horizontally , natural aluminium skirting & etc. and work complete in order and details given in the drawings.				
B/02	In first floor	45	m ²		
B/03	In second floor	147	m ²		
	Glazed Pattitions on block walls				
	76 x 1.2mm thick natural aluminium partition frame, panelled two portions, top portion is panelled with 6mm thick clear glass plane up to beam or slab bottom level height and bottom portion is panelled with 6mm thick clear glass plane up to 1100mm height, on top of 1m high 100mm thick block wall and work complete in order and details given in the drawings.				
B/04	In first floor	30	m ²		
	76 x 1.2mm thick natural aluminium partition frame, panelled two portions, top portion is panelled with 6mm thick pinhead glass plane up to beam or slab bottom level height and bottom portion is panelled with 6mm thick pinhead glass plane up to 1100mm height, on top of 1m high 100mm thick block wall and work complete in order and details given in the drawings.				
B/05	In first floor	8.5	m ²		
B/06	In second floor	36.5	m ²		
PARTITION TOTAL					-
C/-	<u>STEEL HAND RAIL</u> Hand rail average height 900mm, consisting of 50 x 50 mm verticals box iron welded to 50 x 50 and 50 x 25 box iron and fixed to RCC stairs as per detail drawings. Rate shall include for preparing shop drawings, fabrication work, welding, grinding, delivering, unloading hoisting erecting,fixing and painting suitable for C4 marine environmental condition as				
C/01	Ground floor to first floor	9	m		
C/02	First floor to seconf floor	9	m		
C/03	Second floor to roof slab	9	m		
STEEL HAND RAILTOTAL					-

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