

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT	
0.1	<b>"Vitagrid"</b> Pressure forged grating Series VEDZ with 30 X 4,5mm Serrated non slip Bearer Bars and 8mm dia solid round Transverse Bars fixed below the Bearer Bar with a estimated mass 33,0kg/m2 including banding on all sides as manufactured by Vital Engineering (Pty) Ltd or equivalent Tel (011) 8988500 Fax (011)9183000 Min Load 500kgs/m2 @ 1500mm span Finish to be Galvanised	m2		R	R	
	Finish to be Bitumen Dipped	m2		R	R	
	Finish to be per spec	m2		R	R	
	<b>Installation measured elsewhere</b>					
	a) Allowable for square or rectangular cut outs equalling 0,5m2 in area or less including banding	m2		R	R	
	<b>Alternative</b>					
	b) Allowable for circular or round shaped cut outs equalling 0,5m2 in area or less including banding	m2		R	R	
	c) Allowable for galvanised fixings Vitaclamp item 33 complete (min 4 units per panel)	ea		R	R	
	0.2	Kickflats of 130 X 6 to be welded flush to bottom of grating. Min upstand of 100mm above floor surface required. No attachments are to be made to Kickflats. Finish to be Galvanised	lm		R	R
		Finish to be Bitumen Dipped	lm		R	R
Finish to be per spec		lm		R	R	
0.3		Kickflats of 130 X 6 to be supplied loose for attachment at site using Vitakey system Finish to be Galvanised	lm		R	R
	Finish to be Bitumen Dipped	lm		R	R	
	Finish to be per spec	lm		R	R	
	<b>TOTAL OF THIS SECTION CARRIED FORWARD</b>				R	

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
0.4	Vitakey kickflat fixings plain finish				
	Vitakey item 1	ea		R	R
	Vitakey item 2	ea		R	R
	Vitakey item 3	ea		R	R
	<b>Installation measured elsewhere</b>				
0.5	Stairtreads to be <b>"Econotread"</b> type c/w aggressive non slip yellow sighting edge and pre - holed 65 x 6mm side plates. Min load required 1,5kN on front of tread.				
	a) 600-40-25-250 (600 X 245)				
	Finish to be Galvanised	ea		R	R
	Finish to be Bitumen Dipped	ea		R	R
	Finish to be per spec	ea		R	R
	b) 750-40-25-250 (750 X 245)				
	Finish to be Galvanised	ea		R	R
	Finish to be Bitumen Dipped	ea		R	R
	Finish to be per spec	ea		R	R
	<b>Bolts measured elsewhere.</b>				
	<b>Installation measured elsewhere.</b>				
<b>TOTAL OF THIS SECTION CARRIED FORWARD</b>					R

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
0.1	<b>"Maclock"</b> handrailing system Type HS / 1A / L two rail tubular series complete with equal sized hand, kneerails and bends to suit both. Stanchions to be bolted at site. Minimum loading requirement is <b>36kg/m</b> with stanchions at a maximum of <b>1600mm</b> centres apart. As supplied by Vital Eng. Tel (011) 8988500 Fax (011)9183000 or approved equivalent Finish to be Galvanised (G) Finish to be Zinc Chromate (Z) Finish to be per spec (P) <b>Installation measured elsewhere</b>	lm lm lm		R R R	R R R
0.2	<b>Ditto above specifications</b>				
	a) Allowable for B90 Stanchion	G Z P	ea ea ea	R R R	R R R
	b) Allowable for C90 Stanchion	G Z P	ea ea ea	R R R	R R R
	c) Allowable for G90 Stanchion	G Z P	ea ea ea	R R R	R R R
	d) Allowable for A40 Stanchion	G Z P	ea ea ea	R R R	R R R
	e) Allowable for 90 Deg Bend item 16	G Z P	ea ea ea	R R R	R R R
	(contd item f)				
<b>TOTAL OF THIS SECTION CARRIED FORWARD</b>					R

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	f) Allowable for 90 Deg Closure				
	G	ea			
	Z	ea			
	P	ea			
	g) Allowable for 140 Deg Bend				
	G	ea		R	R
	Z	ea		R	R
	P	ea		R	R
	h) Allowable for 40 Deg Closure				
	G	ea		R	R
	Z	ea		R	R
	P	ea		R	R
	i) Allowable for 90 Deg S/Rad Bend				
	G	ea		R	R
	Z	ea		R	R
	P	ea		R	R
	j) Allowable for Pins				
	G	ea		R	R
	Z	ea		R	R
	P	ea		R	R
	k) Allowable for handrail - 6,4m lengths				
	G	ea		R	R
	Z	ea		R	R
	P	ea		R	R
	l) Allowable for kneerail - 6,4m lengths				
	G	ea		R	R
	Z	ea		R	R
	P	ea		R	R
	<b>Bolts measured elsewhere</b>				
<b>TOTAL OF THIS SECTION CARRIED FORWARD</b>					<b>R</b>

ITEM	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
0.1	"Vitex" or equal approved expanded metal series 15-3F for hail guards in sheet sizes 1200mm x 2400mm - mild steel uncoated	m2		R	R
0.2	"Vitex" or equal approved expanded metal series 20-3HF for medium duty security window frames in sheet sizes 1200mm X 2400mm - mild steel uncoated	m2		R	R
0.3	"Vitex" or equal approved serrated non - slip expanded metal series W80HRZ for light duty and conveyor walkways supplied in sheet sizes 1200mm X 2400mm - mild steel uncoated	m2		R	R
0.4	Allow 4 only Vitaclamp item 33 fixings per sheet	ea		R	R
0.5	Allow for wastage and cutting to suit drawings	m2		R	R
	<b>Frames measured elsewhere</b>				
<b>TOTAL OF THIS SECTION CARRIED FORWARD</b>					R