

**8.0 INDUSTRIAL**

		PER	Adel. \$	Bris. \$	Hob. \$	Mel. \$	Per. \$	Syd. \$
8.2	FACTORIES							
	• Small span is up to 10.0m	...	Note					
8.2.1	SINGLE STOREY SMALL SPAN for LETTING, standard shell construction, metal roof, roller shutters, electrical service to board, plumbing service only; no ventilation, sprinklers or fit-out :							
8.2.1.1	- framed and metal clad external walls	...	sqm	590-640	585-630	625-675	560-605	585-630
8.2.1.2	- brick external walls	...	sqm	600-650	625-670	635-685	590-635	610-660
8.2.1.3	- precast or tilt-up concrete external walls	...	sqm	555-600	600-645	625-675	555-600	610-660
8.2.2	SINGLE STOREY SMALL SPAN for OWNER OCCUPATION, metal roof, sliding doors, small office, toilet and amenities, all services; no ventilation or sprinklers :							
8.2.2.1	- brick external walls	...	sqm	750-805	775-835	805-870	720-775	780-840
8.2.2.2	- precast or tilt-up concrete external walls	...	sqm	700-755	770-830	790-850	705-760	755-815
8.4	GARAGE, SERVICE STATION, simple single storey of brick walls, metal roof, including lubrication area, workshop, toilets; all serviced; excluding :							
8.4.1	Special equipment and fuel tanks	...	sqm	1470-1580	1435-1545	1560-1685	1430-1540	1550-1670
	ADD :							
8.4.2	External metal clad awnings	...	sqm	560-605	605-650	620-670	580-625	585-630
8.4.3	Concrete driveways	...	sqm	140.00	151.00	181.00	141.00	138.00
8.4.4	Fuel tanks	...	Note					635-685

**9.0 OFFICES**

## 9.1 LETTABLE

- Costs exclude parking, tenants' subdivisional partitions and any other special owners' or tenants' requirements
- Buildings are all taken as above ground level
- Parking costs, refer page 22
- Costs given hereafter are for FINISHED FLOOR, being where the building is handed over in a fully finished condition

## 9.1.1 LOW RISE (BASIC SERVICES)

	SINGLE STOREY - standard finishes, no air-conditioning -								
9.1.1.1	Finished floor lettable type	...	sqm	1260-1355	1215-1310	1340-1440	1245-1340	1360-1465	1230-1325

	TWO STOREY - standard finishes, no air-conditioning or lifts -								
9.1.1.3	Finished floor lettable type	...	sqm	1420-1530	1400-1510	1540-1660	1425-1535	1520-1640	1425-1535

## 9.1.2 LOW RISE (FULLY SERVICED)

	SINGLE STOREY - standard finishes, air-conditioning -								
9.1.2.1	Finished floor lettable type	...	sqm	1570-1695	1500-1615	1645-1775	1560-1680	1720-1855	1565-1685

	TWO STOREY - standard finishes, air-conditioning, no lift -								
9.1.2.3	Finished floor lettable type	...	sqm	1780-1920	1745-1880	1905-2055	1775-1910	1910-2060	1790-1930

## 9.1.5 FITTING OUT OFFICES

- The following is a guide only of the additional cost over the foregoing Finished Floor Lettable costs for the fitting out of offices in NEW buildings including such work as partitions, amenities, reception, built-in furniture and only minor alterations to services
- No allowance is included for loose furniture or access floors

NOTE - ADD - COUNTRY LOADINGS  
 - REFER PAGE 18 FOR NOTES ON USE OF THESE COSTS  
 - REFER PAGES 34 AND 35 FOR DETAILED ELEMENTAL BREAKDOWN OF ABOVE COSTS

## DETAILED PRICES

UNIT	Adel. \$	Bris. \$	Hob. \$	Mel. \$	Per. \$	Sydney \$
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**DRAINAGE****MANHOLES, SOAKWELLS, SUMPS (cont'd)****SUMPS AND PITS (cont'd)****PRECAST CONCRETE**

900mm dia. x 900mm deep with precast base and walls

ADD extra for :  
Each additional 100mm in depth

**PRECAST CONCRETE COVERS**

Precast concrete cover :  
Standard to suit pit size -

900 x 900mm  
900mm dia.

Trafficable -  
900 x 900mm  
900mm dia.

**METAL SUMP AND GULLY GRATINGS**

- Refer page 136 and 137

Note

**SEPTIC SYSTEMS**

- Prices include for excavation in material other than rock, backfilling, benching, step irons and connection to pipes

Note

**STANDARD SYSTEMS**

Septic tank system comprising precast concrete tanks together with concrete bases, precast concrete lids and all internal pipework (allowance)

... System	3400.00	3800.00	3200.00	3900.00	3600.00	4000.00
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Leach drain comprising 350/600mm dia. plastic sections and blue metal filling

... m	176.00- 185.00	176.00- 190.00	192.00- 215.00	176.00- 195.00	138.00- 155.00	190.00- 200.00
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ADD extra for :

Removing top soil

Filling with light soil or sand

Note

Leach drain, 600 x 600mm internal with blue metal filling in :

Precast concrete, U shaped with lid

Precast blocks with lid

... m	-	-	-	-	-	225.00
... m	-	-	-	-	-	178.00

ADD extra for :

Additional excavation or sand filling

Note

**ENVIRONMENTAL SYSTEMS****Domestic systems :**

One tank system

Two tank system

... System	15000.00	15750.00	15500.00	15250.00	14500.00	15500.00
... System	15000.00	15750.00	15500.00	15250.00	14500.00	15500.00

ADD extra for :

Irrigation system to dispose of treated water  
Maintenance agreement

... System	Incl. 610.00	Incl. 610.00	Incl. 610.00	Incl. 610.00	Incl. 610.00	Incl. 610.00
... Per annum	610.00	610.00	610.00	610.00	610.00	610.00

**Commercial or public building systems :**

Capable of handling per day :

3060 litres (or 17 persons)

3600 litres (or 20 persons)

5400 litres (or 30 persons)

7200 litres (or 40 persons)

9000 litres (or 50 persons)

10800 litres (or 60 persons)

... System	22500.00	22750.00	22750.00	22500.00	22000.00	22750.00
... System	25000.00	25500.00	25500.00	25000.00	25000.00	25000.00
... System	39500.00	40000.00	40000.00	39500.00	38500.00	39500.00
... System	52000.00	53000.00	53000.00	52000.00	51000.00	52000.00
... System	65000.00	66000.00	66000.00	65000.00	63000.00	65000.00
... System	75000.00	77000.00	77000.00	75000.00	74000.00	75000.00

ADD extra for :

Irrigation system to dispose of treated water, this is subject to local authority requirements

Note

Maintenance agreement - to be negotiated

Note

# ELECTRICAL SERVICES

## COSTS PER SQUARE METRE

The following are average costs for typical capital city buildings. They do not include for significant site conditions and specialised services and equipment including high voltage cabling, substation, main telephone and IT services.

	\$/sqm						
<b>ADMINISTRATION, CIVIC</b>							
Administration office, single storey	158.00-205.00		<b>OFFICES</b>				
Civic Centre, 300-500 capacity	168.00-213.00		Basic	- 1-3 storey			
Library, suburban	201.00-239.00		Serviced	- 1-3 storey			
							\$/sqm
							158.00-197.00
							147.00-216.00
<b>EDUCATIONAL</b>							
Primary Schools	160.00-210.00		<b>RECREATIONAL</b>				
			Clubhouse and change rooms				
<b>MOTELS</b>			Community Recreation Centre - medium std.				
Motel, standard travellers	132.00-180.00		Squash Courts	- high std.			
							151.00-190.00
							103.00-150.00
							88.00-116.00
<b>INDUSTRIAL</b>							
Warehouse, factory, for letting	67.00-136.00		<b>RELIGIOUS</b>				
Warehouse, factory with small office, owner occupation	77.00-178.00		Church	- medium std.			
							129.00-186.00
			<b>RESIDENTIAL</b>				
			Individual house	- medium std.			
			Flats, 1-3 storey	- medium std.			
			Townhouse, 2 storey	- medium std.			
							58.00-84.00
							87.00-121.00
							45.00-76.00

### GUIDE TO TYPICAL BREAK-UP OF FOREGOING CAPITAL CITIES COSTS/SQM :

CONTENT	ADMINISTRATION, CIVIC			MOTELS	INDUSTRIAL		OFFICES	
	ADMIN OFFICES SINGLE ST. \$/sqm	CIVIC CENTRE \$/sqm	LIBRARY SUBURBAN \$/sqm	STD. TRAVELLERS \$/sqm	WAREHOUSE FACTORY LETTING \$/sqm	WAREHOUSE FACTORY OWNER OCC. \$/sqm	BASIC 1-2 STOREY \$/sqm	SERVICED 1-2 STOREY \$/sqm
Mains and submains	9.75	14.50	44.50	16.25	7.25	14.50	26.00	28.25
Switchgear	15.25	22.75	42.25	29.00	11.75	11.75	16.50	16.25
Lighting - Circuits	16.00	16.00	11.75	22.25	18.75	21.25	17.75	18.00
- Fittings	71.75	87.25	66.25	37.75	33.50	33.50	32.00	35.75
Power	29.00	23.25	36.25	21.00	16.50	22.50	16.00	20.50
Telephone / data backbone	15.50	4.00	2.75	2.75	-	-	20.25	22.25
PABX / phone system	9.00	-	-	-	-	-	-	-
Security system	-	-	-	-	-	-	-	-
Automatic fire alarm	-	-	-	-	-	-	-	1.50
General communications	5.50	2.50	31.50	27.75	1.50	4.25	18.75	18.00
	<b>171.75</b>	<b>170.25</b>	<b>235.25</b>	<b>156.75</b>	<b>89.25</b>	<b>107.75</b>	<b>150.00</b>	<b>164.75</b>

CONTENT	EDUCATION			RECREATIONAL		RELIGIOUS	RESIDENTIAL		
	PRIMARY SCHOOL \$/sqm	CLUBHOUSE AND CHANGE ROOMS \$/sqm	COMMUNITY RECREATION CENTRE \$/sqm	SQUASH COURTS HIGH STD. \$/sqm	CHURCH MED. STD. \$/sqm	INDIVIDUAL HOUSE MED. STD. \$/sqm	FLATS 1-3 STOREY MED. STD. \$/sqm	TOWNHOUSE 2 STOREY MED. STD. \$/sqm	
Mains and submains	34.00	38.75	22.75	21.50	21.25	3.25	20.25	12.75	
Switchgear	25.25	19.50	11.50	11.00	13.50	4.50	5.50	6.50	
Lighting - Circuits	19.75	16.00	18.75	15.50	42.25	9.75	20.25	13.25	
- Fittings	49.50	32.50	44.00	27.25	85.25	16.00	22.50	18.75	
Power	30.00	15.00	10.25	12.75	31.25	16.25	24.00	16.25	
Telephone / data backbone	-	5.00	2.00	-	-	-	-	-	
PABX / phone system	-	-	-	-	-	-	-	-	
Security system	-	8.25	8.00	-	-	-	-	-	
Automatic fire alarm	-	-	-	-	-	-	-	-	
General communications	10.00	12.50	-	-	20.00	-	-	23.50	
	<b>168.50</b>	<b>147.50</b>	<b>117.25</b>	<b>88.00</b>	<b>213.50</b>	<b>49.75</b>	<b>92.50</b>	<b>91.00</b>	

Unit

 Adel. Bris. Hob.  
 Mel. Per. Syd.  
 \$

## ELECTRICAL SERVICES

### MAINS POLE, fabricated from GWP, installed in position including concrete base

100mm dia. HDG steel pole	...	Each	650.00-810.00
125mm dia. HDG steel point of attachment pole with goose neck and cross arm	...	Each	1,320.00-1,625.00

### RAISER BRACKET, range of size and type available

Single phase type	...	Each	156.00-230.00
Three phase type	...	Each	205.00-280.00

### CONSUMERS MAINS

- Allow for costs and charges associated with the provision of Supply Authorities equipment e.g. cabinets, link frames, pole fuses, transformer compounds, substation construction, cable ducts, trenches, incoming cables, conduits and draw-in pits, etc., as required : Liaise with local supply authority
- Prices include conduit, cable, etc.

63A single phase	- underground (eg house mains)	...	m	29.00-39.00
32A three phase	- for overhead supply (eg house mains)	...	m	13.75-29.50
32A three phase	- underground (eg large house mains)	...	m	32.00-47.00
100A three phase	- for overhead supply (eg large house mains)	...	m	12.75-35.50
200A three phase	- underground (eg small school mains)	...	m	54.00-82.00
	- underground (eg MAINS for block of units)	...	m	118.00-174.00

### SUBMAINS, CONDUIT, CABLE, ETC.

(For runs not exceeding approximately 50m in length)

25A single phase	- underground (e.g. to outbuilding of house)	...	m	27.00-40.00
32A three phase	- under building (eg to small warehouse subboard)	...	m	34.00-50.00
50A three phase	- underground (eg to distant subboard)	...	m	37.00-55.00
80A three phase	- underground (eg to distant subboard)	...	m	55.00-84.00

### CUSTOM BUILT SWITCHBOARDS

#### MSB For Home Units :

3 to 6 units	...	Sum	1,185.00-2,500.00
6 to 15 units	...	Sum	2,250.00-3,700.00
15 to 25 units	...	Sum	3,250.00-6,000.00

#### MSB for Factory :

Light load	...	Sum	2,000.00-4,900.00
Medium load	...	Sum	6,000.00-11,750.00

#### MSB for Office Building :

Small	...	Sum	8,000.00-13,250.00
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### PROPRIETARY (OFF THE SHELF) SWITCHBOARDS

Circuit breakers and switches are listed separately

...

Note

Domestic style proprietary switchboards, installed, connected to circuits. A broad range is available, for example :

Sheet metal cabinet (meterbox type), built in, with meter / consumer sections and capacity for:			
18 mcb modules only (no space for meters)	...	Sum	130.00-194.00
Two meters and 24 mcb modules	...	Sum	245.00-355.00
Four meters and 36 mcb modules	...	Sum	420.00-600.00
Four meters & 22 mcb modules section and ABN ONT fibre section	...	Sum	390.00-560.00
Two meters & 24 mcb modules section and gas section	...	Sum	510.00-730.00
Two meters & 21 mcb modules section, ABN ONT fibre section and gas meter section	...	Sum	660.00-960.00
Plastic surface enclosure with capacity for :			
6 mcb modules	...	Sum	100.00-120.00
17 mcb modules	...	Sum	188.00-225.00
30 mcb modules	...	Sum	245.00-295.00
Plastic recessed enclosure with capacity for:			
11 mcb modules	...	Sum	168.00-200.00
36 mcb modules	...	Sum	290.00-345.00

**ELECTRICAL SERVICES****PROPRIETARY (OFF THE SHELF) SWITCHBOARDS (cont'd)**

Domestic style circuit breakers (mcb's) and switches -  
6kA rated, DIN rail mounted, including circuit connections :

- Main switch
  - 1 ph 63A mcb (1 module)
  - 3 ph 63A mcb (3 modules)

1 ph 6A to 63A mcb (1 module)

3 ph 6A to 63A mcb (3 modules)

Safety switch/RCD - 30mA, single phase up to 40A load

- 30mA, three phase up to 40A load

Time switch

- 10A, 50 hour reserve without power

Lighting contactor - up to three 15A circuit

Unit

Adel Bris. Hob.  
Mel Per Syd.  
\$

30.00-36.00

100.00-120.00

23.50-28.00

98.00-116.00

114.00-138.00

138.00-168.00

136.00-162.00

250.00-275.00

**EXTERIOR LIGHTING POINTS, including luminaires**

Bollard type path lighting
 

- domestic
- commercial

Small car park pole lighting
 

- commercial

Column mounted floodlighting
 

- commercial

Point 560.00-1,275.00

Point 1,010.00-2,350.00

Point 2,750.00-4,000.00

Point 4,900.00-8,600.00

**POWER AND LIGHTING CIRCUITS****LIGHTING POINTS**

- Including cable, conduit, switch, etc., but excluding switchboards and light fittings ...

Note

Single light point and 1 gang switch :

- residence
- small industrial
- small commercial

Point 69.00-94.00

Point 154.00-280.00

Point 86.00-152.00

ADD extra for :

Additional light (off same switch) :

- residence (4m apart)
- small industrial (10m apart)
- small commercial (5m apart)

Point 19.00-29.00

Point 47.00-102.00

Point 19.00-54.00

Two 2-way switches instead of one standard switch :

- residence (10m apart)
- small industrial (20m apart)
- small commercial (15m apart)

Point 77.00-100.00

Point 172.00-325.00

Point 96.00-130.00

One intermediate switch (between foregoing two 2-way switches) :

- residence
- small industrial
- small commercial

Point 76.00-100.00

Point 118.00-150.00

Point 86.00-118.00

Dimmer (for an incandescent light) instead of switch

Each 34.00-42.00

Coloured (non surcharged) plastic flush plate and switch mechanism  
in lieu of plain white

Each 1.55-4.50

Excel or 2000/C2000/SC2000 Series flush plate in lieu of plain white plate :

- surcharged colour (red, grey, sand, etc)
- stainless steel
- polished brass

Each 4.25-7.50

Each 12.25-16.25

Each 24.00-29.00

**POWER POINTS**

- Including cable, conduit, switch, socket, etc., but excluding switchboards and appliances ...

Note

Single power outlet :

- residence
- small industrial (protected type)
- small commercial

Point 71.00-92.00

Point 156.00-285.00

Point 126.00-235.00

Twin power outlet :

- residence
- small industrial (protected type)
- small commercial
- combined with RCD/safety switch, small commercial

Point 76.00-98.00

Point 170.00-395.00

Point 128.00-250.00

Point 240.00-385.00

15 Amp power outlet :

- residence
- small industrial (protected type 20m from switchboard)
- small commercial (25m from switchboard)

Point 108.00-130.00

Point 160.00-300.00

Point 142.00-225.00

20 Amp three phase power outlet :

- small industrial (20m from switchboard)
- small commercial (25m from switchboard)

Point 410.00-540.00

Point 500.00-660.00

**ELECTRICAL SERVICES****LUMINAIRES, excluding circuitry (cont'd)**

			Unit	Adel. Bris. Hob. Mel. Per. Syd. \$
<b>Flourescent, Small Commercial :</b>				
Bare tube batten	- 600mm long, single tube x 14W/18W - 1200mm long, single tube x 28W/36W - 1200mm long, twin tube x 28W/36W	...	Each	35.00-140.00 45.00-160.00 60.00-235.00
Batten, with plastic diffuser	- 600mm long, single tube x 14W/18W - 1200mm long, single tube x 28W/36W - 1200mm long, twin tube x 28W/36W	...	Each	55.00-210.00 70.00-265.00 70.00-285.00
Ceiling recessed, with plastic diffuser	- 1200mm long, twin tube x 28W/36W	...	Each	90.00-360.00
<b>LED, Small Commercial :</b>				
Bare tube batten	- 600mm long, single tube x 9W - 1200mm long, single tube x 18W - 1200mm long, twin tube x 18W	...	Each	55.00-135.00 75.00-185.00 105.00-250.00
Batten, with plastic diffuser	- 600mm long, single tube x 9W - 1200mm long, single tube x 18W - 1200mm long, twin tube x 18W	...	Each	75.00-185.00 100.00-240.00 130.00-305.00
Ceiling recessed, with plastic diffuser	- 1200mm long, twin tube x 18W	...	Each	145.00-360.00
LED panel	- 600mm x 300mm, 1450 lumen - 600mm x 600mm, 2400 lumen - 1200mm x 300mm, 2400 lumen - 1200mm x 600mm, 4500 lumen	...	Each	160.00-395.00 205.00-410.00 210.00-430.00 440.00-710.00
<b>Downlight, Small Commercial :</b>				
Downlight	- 175mm dia. - 200mm dia. - 250mm dia. - 100x100mm sq.	...	Each	40.00-135.00 45.00-175.00 65.00-230.00 45.00-160.00
<b>High Bay, Small Industrial :</b>				
High Bay	- 100W LED - 150W LED - 250W sodium vapour - 400W mercury vapour - 400W metal halide	...	Each	470.00-780.00 520.00-810.00 370.00-580.00 195.00-310.00 275.00-640.00
<b>Flood light, bracket mounted :</b>				
Flood light	- 10W LED - 50W LED - 100W LED - 250W sodium vapour - 400W metal halide	...	Each	50.00-140.00 90.00-260.00 300.00-500.00 430.00-520.00 180.00-290.00
<b>Emergency :</b>				
Exit sign		...	Each	60.00-175.00
Emergency light		...	Each	70.00-205.00

**HEATERS, excluding circuitry**

Radiant (strip) heater - wall mounted infra red :				
- 1000W halogen IR lamp type	...	Each	295.00-340.00	
- 1000W quartz element, with pull cord switch	...	Each	88.00-102.00	
- 900W weatherproof (IP56) with bracket/chain	...	Each	300.00-345.00	
Heat lamp heater - ceiling mounted/recessed :				
275W heat lamp type, plus R80 100W lighting lamp:				
2 heat lamps	...	Each	138.00-170.00	
2 heat lamps and exhaust fan	...	Each	190.00-230.00	
4 heat lamps and exhaust fan with 3m of flexible ducting	...	Each	380.00-460.00	
375W heat lamp type, plus R80 100W lighting lamp:				
4 heat lamps and exhaust fan	...	Each	325.00-395.00	
Convection panel heater, wall mounted, with timer and thermostat :				
- 1000W	...	Each	325.00-400.00	
- 1500W	...	Each	345.00-420.00	
- 2000W	...	Each	360.00-440.00	
Ceiling mounted panel heater	- 1200W - 2100W	...	Each	510.00-580.00 670.00-760.00
heater, surface, with cord switch and thermostat :				
1100W/2200W, white finished with automatic setting	...	Each	210.00-265.00	
1100W/2200W, white finished with adjustable setting	...	Each	275.00-350.00	

**ELECTRICAL SERVICES**

Unit  
Adel. Bris. Ho.  
Mel. Per. Sy.  
\$

**HEATERS**, excluding circuitry

Towel rail heater - wall mounted, plug-in type :					
- 80W, 4 bar, painted	...	Each	154.00-180.0		
- 65W, 8 bar, polished stainless steel	...	Each	270.00-330.0		
Oil filled column heater	- 9 fin, 2000W	...	Each	108.00-132.0	
	- 11 fin, 2400W with timer	...	Each	136.00-166.0	
Logfire heater - range of designs and options, 420W to 2400W	...	Range	365.00-3,000.0		

**FANS**, excluding circuitry

Oscillating fan, table/wall shelf mount type - 400mm	...	Each	76.00-94.00	
Ceiling sweep fan and controller: 3 metal blades	- 900mm	...	Each	190.00-235.00
	- 1200mm	...	Each	186.00-230.00
	- 1400mm	...	Each	200.00-250.00
	4 Rattan blades - 1200mm	...	Each	210.00-260.00
Ceiling exhaust fan (exhaust into void)	- 200mm dia	...	Each	73.00-90.00
	- 250mm dia	...	Each	73.00-90.00
	- 250mm dia, retracting type	...	Each	132.00-166.00
Wall exhaust fan	- 150mm dia, pull cord operated	...	Each	220.00-275.00
	- 150mm dia, automatic shutter	...	Each	205.00-255.00
	- 200mm dia, pull cord operated	...	Each	250.00-315.00
	- 200mm dia, automatic shutter	...	Each	220.00-275.00
Window exhaust fan	- 150mm, pull cord operated	...	Each	200.00-255.00
	- 150mm dia, automatic shutter	...	Each	188.00-235.00
	- 200mm dia, pull cord operated	...	Each	235.00-295.00
	- 200mm dia, automatic shutter	...	Each	220.00-275.00
In-line exhaust fan and ducted kit with flex duct, inlet and outlet :				
100mm dia axial, 3m duct 80cum/hr fan	...	Each	192.00-235.00	
100mm dia centrifugal, 6m duct 270cum/hr fan	...	Each	420.00-520.00	
150mm dia axial, 6m duct 245cum/hr fan	...	Each	315.00-395.00	
150mm dia centrifugal, 6m duct 500cum/hr fan	...	Each	480.00-600.00	
ADD extra for :				
Gravity shutter / draught preventer, to ceiling fan	...	Each	42.00-53.00	
Gravity shutter, to in-line fan (across size range)	...	Each	98.00-188.00	
Cowling and roof flue, to ceiling fan	...	Note		
Opening in window glazing, refer page 210	...	Note		

**FLOOR HEATING**, excluding switchboard but including accessories and wiring

Storage floor heating cast in slab	- residential	...	sqm	88.00-134.00
	- commercial	...	sqm	88.00-134.00

**CEILING HEATING**, excluding switchboard but including accessories and wiring

Radiant insulated strip ceiling heating (120W to 175W/sqm - e.g. nursing homes, residential, etc.)	- heated area	...	sqm	88.00-134.00
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ADD extra for :				
Glasswool batt insulation - refer to CARPENTRY page 157	...	Note		

**TELEPHONE PRE-CONDUITING**

- Excluding telephone instruments, handsets, cabling, cable troughs, etc.
- |                            |     |       |               |
|----------------------------|-----|-------|---------------|
| Commercial telephone point | ... | Point | 120.00-250.00 |
|----------------------------|-----|-------|---------------|

**TELEPHONE EQUIPMENT**

- Prices include installation but EXCLUDE pre-conduiting, cabling, accessories and maintenance
- |  |     |      |               |
|--|-----|------|---------------|
| Basic instrument with 10 function keys and hands free on intercom only                               | ... | Each | 65.00-150.00  |
| Executive instrument with backlit display, 30 function keys, full duplex hands free and headset port | ... | Each | 275.00-400.00 |

# ELECTRICAL SERVICES

Unit

Adel. Bris. Hob.  
Mel. Per. Syd.  
\$

## CONDUITS

- Including nominal number of fittings

### MEDIUM DUTY GREY UPVC (formally known as Light Duty)

#### MD UPVC fixed to masonry

20mm dia.	...	m	9.75-11.75
25mm dia.	...	m	11.75-14.25
32mm dia.	...	m	14.00-17.25
40mm dia.	...	m	16.00-19.50
50mm dia.	...	m	18.25-22.50

#### MD UPVC cast into concrete :

20mm dia.	...	m	4.25-5.25
25mm dia.	...	m	5.50-6.75
32mm dia.	...	m	7.75-9.75

#### MD UPVC installed in roof space :

20mm dia.	...	m	7.00-23.50
25mm dia.	...	m	8.75-24.50
32mm dia.	...	m	10.75-28.50
40mm dia.	...	m	12.25-31.50
50mm dia.	...	m	13.75-32.50

## FLEXIBLE CORRUGATED - MEDIUM DUTY

#### Corrugated MD UPVC installed in roof space :

20mm dia.	...	m	8.50-11.00
25mm dia.	...	m	10.50-13.25
32mm dia.	...	m	14.00-17.50

#### Corrugated MD UPVC cast into concrete :

20mm dia.	...	m	6.00-7.75
25mm dia.	...	m	7.50-9.50
32mm dia.	...	m	11.25-14.00

## FLEXIBLE CORRUGATED - HEAVY DUTY ORANGE

#### Corrugated HD UPVC installed in roof space :

20mm dia.	...	m	10.00-12.75
25mm dia.	...	m	12.75-16.00
32mm dia.	...	m	16.00-20.00

#### Corrugated HD UPVC cast into concrete :

20mm dia.	...	m	7.50-9.50
25mm dia.	...	m	9.75-12.50
32mm dia.	...	m	13.25-16.75

#### Corrugated HD UPVC buried underground excluding trenching :

20mm dia.	...	m	6.75-8.75
25mm dia.	...	m	8.50-11.00
32mm dia.	...	m	10.75-13.75

## HEAVY DUTY ORANGE

#### HD UPVC buried underground excluding trenching and bends :

20mm dia. (O.D.)	...	m	3.15-3.95
25mm dia. (O.D.)	...	m	3.40-4.35
32mm dia. (O.D.)	...	m	4.60-5.75
40mm dia. (O.D.)	...	m	5.50-7.00
50mm dia. (O.D.)	...	m	7.25-9.25
63mm dia. (O.D.)	...	m	9.25-12.00
80mm dia. (I.D.)	...	m	12.75-16.75
100mm dia. (I.D.)	...	m	20.00-26.50
150mm dia. (I.D.)	...	m	30.50-41.00

#### • 90° sweep bend to HD UPVC conduit :

20mm dia. (O.D.)	...	Each	7.75-10.00
25mm dia. (O.D.)	...	Each	8.50-11.00
32mm dia. (O.D.)	...	Each	11.50-14.75
40mm dia. (O.D.)	...	Each	14.00-18.00
50mm dia. (O.D.)	...	Each	16.50-21.00
63mm dia. (O.D.)	...	Each	26.00-34.00
80mm dia. (I.D.) - radius 550mm	...	Each	36.00-47.00
100mm dia. (I.D.) - radius 600mm	...	Each	58.00-77.00
150mm dia. (I.D.) - radius 760mm	...	Each	148.00-196.00

ADD extra for :

- Trenching and clean fill - refer to DRAINAGE page 231

Note

**ELECTRICAL SERVICES****CABLE PITS**

ACO CABLEMATE - Plastic PE pit with (Class A) concrete lid :	Each	128.00-154.00
Type 1 - 430 x 150 x 355mm deep	Each	158.00-192.00
Type 2 - 570 x 200 x 520mm deep	Each	84.00-134.00
ADD extra for pit with AS 3996 Class B steel lid	Each	
Type 53 - 460 x 215 x 430mm deep	Each	132.00-160.00
Type 43 - 340 dia. x 545mm deep	Each	160.00-194.00
ADD extra for pit with AS 3996 Class B steel lid	Each	106.00-178.00
Type 55 - 450 x 450 x 450mm deep	Each	245.00-295.00
Type 77 - 600 x 600 x 605mm deep	Each	330.00-400.00
ADD extra for pit with AS 3996 Class B steel lid	Each	158.00-420.00
Type 3 - 455 x 225 x 475mm deep	Each	188.00-225.00
Type 4 - 605 x 300 x 745mm deep	Each	205.00-245.00
Type 5 - 655 x 355 x 580mm deep	Each	205.00-250.00
ADD extra for pit with AS 3996 Class B steel lid	Each	132.00-180.00
ADD extra for concrete collars and surround to pits where required	Note	
ACO CABLEMATE - Polymer Concrete pit with polymer (Class A) concrete lid :	Each	190.00-230.00
Type 33 - 280 x 280 x 405mm deep	Each	100.00-122.00
ADD extra for pit with AS 3996 Class B steel lid	Each	
Type 52 - 430 x 145 x 395mm deep	Each	205.00-250.00
Type 63 - 585 x 235 x 690mm deep	Each	330.00-400.00
ADD extra for pit with AS 3996 Class B steel lid	Each	122.00-178.00
Type 45 - 435 x 435 x 530mm deep	Each	320.00-385.00
Type 66 - 590 x 590 x 550mm deep	Each	480.00-580.00
ADD extra for pit with AS 3996 Class B steel lid	Each	174.00-230.00
ADD extra for concrete collars and surround to pits where required	Note	

**CABLES**

- Installed in position including fixings but excluding cable carriers (e.g. excluding conduit, cable tray or struts)

**CABLE CUTTING AND SERVICE CHARGES**

- ADD for cutting, services and minimum order value charges** (cable manufacturers and suppliers may apply charges for non stock / non standard / short length cables)

**OVERHEAD (AERIAL) CABLES**

- Installed in position but excluding poles where required

PVC insulated hard drawn copper conductors  
installed, supported above ground :

Parallel web (figure 8)					
	2 core	- 6sqmm	...	m	14.00-17.50
		- 10sqmm	...	m	18.50-23.25
		- 16sqmm	...	m	23.50-29.50
Twisted	3 core	- 10sqmm	...	m	27.50-35.00
		- 16sqmm	...	m	34.50-44.00
	4 core	- 6sqmm	...	m	24.50-31.00
		- 10sqmm	...	m	31.50-40.00
		- 16sqmm	...	m	50.00-64.00

ADD extra for :

Terminating insulator/anchor clamp	...	Each	45.00-77.00
Galvanised anchor hook - bolted	...	Each	29.00-75.50
Unfused cable connector box :      - 2 terminal	...	Each	66.00-82.00
- 4 terminal	...	Each	90.00-112.00
Fused cable connector box, excluding fuse cartridge :      - single phase, 55A	...	Each	196.00-226.00
- three phase, 70A	...	Each	500.00-550.00
Fuse cartridges to suit foregoing connector boxes :      - 30A	...	Each	13.50-15.00
- 60A	...	Each	14.50-16.00
MCB protected cable connector box, including ACB :      - single phase, 50A	...	Each	156.00-184.00
- three phase, 50A	...	Each	340.00-388.00

**ELECTRICAL SERVICES****CABLES (cont'd)****COPPER CABLE**

			Unit	Adel. Bris. Hob. Mel. Per. Syd. \$
One x single core T.P.I. cable (single insulated PVC cable/ building wire/earth wire) drawn into conduit :				
1.5sqmm	(7/0.50)	...	m	0.85-1.10
2.5sqmm	(7/0.67)	...	m	1.05-1.40
4sqmm	(7/0.85)	...	m	1.60-2.20
6sqmm	(7/1.04)	...	m	1.90-2.65
10sqmm	(7/1.35)	...	m	2.70-3.90
16sqmm	(7/1.70)	...	m	3.70-5.50
25sqmm	(19/1.35)	...	m	6.25-9.25
35sqmm	(19/1.53)	...	m	7.50-11.25
50sqmm	(19/1.78)	...	m	11.50-17.25
70sqmm	(19/2.14)	...	m	15.50-23.00
95sqmm	(37/1.78)	...	m	20.00-29.50
120sqmm	(37/2.03)	...	m	26.00-38.50
One x single core PVC/PVC cable (single double insulated/SDI) drawn into conduit :	(7/0.50)	...	m	
1.5sqmm	(7/0.67)	...	m	1.15-1.55
2.5sqmm	(7/0.85)	...	m	1.40-1.90
4sqmm	(7/1.04)	...	m	1.95-2.70
6sqmm	(7/1.35)	...	m	2.55-3.60
10sqmm	(7/1.70)	...	m	3.35-4.85
16sqmm			m	4.15-6.00
One x single core XLPE/PVC (SDI) cable drawn into conduit :	(19/1.35)	...	m	
25sqmm	(19/1.53)	...	m	7.25-10.75
35sqmm	(19/1.78)	...	m	9.75-14.25
50sqmm	(19/2.14)	...	m	10.50-15.50
70sqmm	(37/1.78)	...	m	14.75-21.50
95sqmm	(37/2.03)	...	m	21.00-31.00
120sqmm	(37/2.25)	...	m	26.50-39.50
150sqmm	(37/2.52)	...	m	30.50-46.00
185sqmm			m	38.00-57.00
Single core T.P.S. cable installed in roof space :	(1/1.13)	...	m	
1.0sqmm	(7/0.50)	...	m	0.90-1.30
1.5sqmm	(7/0.67)	...	m	1.05-1.45
2.5sqmm			m	1.25-1.80
Two core flat T.P.S. cable installed in roof space :	(1/1.13)	...	m	
1.0sqmm	(7/0.50)	...	m	1.25-1.75
1.5sqmm			m	1.40-2.00
2.5sqmm	(7/0.67)	...	m	1.85-2.70
4sqmm	(7/0.85)	...	m	2.55-3.75
Two core + E flat T.P.S. cable installed in roof space :	(1/1.13)	...	m	
1.0sqmm	(7/0.50)	...	m	1.70-2.25
1.5sqmm	(7/0.67)	...	m	1.85-2.50
2.5sqmm	(1/1.78)	...	m	2.75-3.80
2.5sqmm	(7/0.67)	...	m	2.50-3.45
4sqmm	(7/0.85)	...	m	3.35-4.70
6sqmm	(7/1.04)	...	m	4.15-6.00
10sqmm	(7/1.35)	...	m	8.75-12.75
Three core + E circular PVC/PVC cable installed in roof space :				
1.5sqmm	(7/0.50)	...	m	3.30-4.75
2.5sqmm	(7/0.67)	...	m	4.80-7.00
4sqmm	(7/0.85)	...	m	6.50-9.50
6sqmm	(7/1.04)	...	m	7.25-10.50
Four core + E circular PVC/PVC cable installed in roof space :				
1.5sqmm	(7/0.50)	...	m	3.75-5.25
2.5sqmm	(7/0.67)	...	m	5.00-7.00
4sqmm	(7/0.85)	...	m	7.00-10.00
6sqmm	(7/1.04)	...	m	9.25-13.25
10sqmm	(7/1.35)	...	m	13.50-19.50
16sqmm	(7/1.70)	...	m	19.25-28.00
25sqmm	(19/1.35)	...	m	33.00-44.00

**ELECTRICAL SERVICES****CABLES (cont'd)****HIGH FIRE RESISTANT**

(Flame retardant, halogen free, low smoke, multi standard cables with copper conductors - 2 hour fire and mechanically rated, tested to AS/NZS 3013 and classified WS 52W)

Power and Control 600V/1000V double insulated circular cable :			
One x single core 110°C rated cable fixed to cable tray -			
10sqmm	(7/1.35)	...	m      11.25-13.75
16sqmm	(7/1.70)	...	m      12.75-15.75
25sqmm	(19/1.35)	...	m      16.75-20.50
35sqmm	(19/1.53)	...	m      21.50-26.50
50sqmm	(19/1.78)	...	m      28.50-35.50
70sqmm	(19/2.14)	...	m      35.50-44.00
95sqmm	(37/1.78)	...	m      42.00-52.00
120sqmm	(37/2.03)	...	m      49.00-61.00
150sqmm	(37/2.25)	...	m      60.00-74.00
185sqmm	(37/2.52)	...	m      68.00-86.00
Two core and earth 90°C rated cable, installed in roof space -			m      10.00-12.25
1.5sqmm	(7/0.50)	...	m      12.00-14.75
2.5sqmm	(7/0.67)	...	m      17.25-21.50
4sqmm	(7/0.85)	...	m      22.00-27.50
6sqmm	(7/1.04)	...	
Two core and earth 90°C rated cable, fixed to cable tray -			m      10.50-13.00
1.5sqmm	(7/0.50)	...	m      13.00-16.25
2.5sqmm	(7/0.67)	...	m      18.50-23.00
4sqmm	(7/0.85)	...	m      23.50-29.00
6sqmm	(7/1.04)	...	
Four core and earth 90°C rated cable, installed in roof space -			m      14.00-17.25
1.5sqmm	(7/0.50)	...	m      17.00-21.00
2.5sqmm	(7/0.67)	...	m      24.50-30.50
4sqmm	(7/0.85)	...	m      30.50-38.00
6sqmm	(7/1.04)	...	
10sqmm	(7/1.35)	...	m      38.00-48.00
16sqmm	(7/1.70)	...	m      54.00-68.00
25sqmm	(19/1.35)	...	m      71.00-90.00
35sqmm	(19/1.53)	...	m      80.00-102.00
Four core and earth 90°C rated cable, fixed to cable tray -			m      13.50-16.75
1.5sqmm	(7/0.50)	...	m      17.50-21.50
2.5sqmm	(7/0.67)	...	m      26.50-33.00
4sqmm	(7/0.85)	...	m      33.00-41.00
6sqmm	(7/1.04)	...	
10sqmm	(7/1.35)	...	m      42.00-53.00
16sqmm	(7/1.70)	...	m      60.00-76.00
25sqmm	(7/2.14)	...	m      78.00-98.00
35sqmm	(19/1.53)	...	m      90.00-112.00

**TELEVISION ANTENNA CABLE**

75 Ohm coaxial cable drawn into conduit or fixed in roof space

... m      3.85-4.70

**TELEPHONE CABLE**

Indoor unscreened type 0.5mm drawn into conduit :

2 pair	...	m      2.25-2.75
3 pair	...	m      2.45-3.00
10 pair	...	m      3.35-4.20
25 pair	...	m      4.75-6.00
50 pair	...	m      8.50-10.75

Indoor unscreened type 0.5mm fixed to cable tray :

25 pair	...	m      9.75-11.75
50 pair	...	m      12.75-15.75
100 pair	...	m      19.00-24.00

Underground polyethylene insulated and sheathed type drawn into conduit :

10 pair	...	m      6.25-7.75
30 pair	...	m      11.75-15.00

**ELECTRICAL SERVICES**

Adel.	Bris	Hob
Mel	Per	Syd
		\$

**CABLES (cont'd)****CAT 5 DATA AND TELEPHONE CABLE**

4 pair Cat 5 UTP (unshielded twisted pair) cable :  
 drawn into conduit  
 fixed to cable tray  
 tied to catenary wire in ceiling space

	Unit	
	m	3.80-5.75
	m	5.75-8.00
	m	6.50-9.50

**DATA, TELEPHONE & SUNDRY OUTLETS AND ACCESSORIES**

- Including accessories, etc but excluding cabling

Note

## Data / telephone / TV / audio outlet (less flush plate) :

RJ12 telephone socket	...	Each	15.50-19.50
RJ45 Cat 5e data socket	...	Each	15.75-19.75
PAL 75 Ohm TV socket	...	Each	13.75-17.25
F-Type 75 Ohm TV socket (F58 through connector)	...	Each	9.50-12.75
HDMI socket (angled through connector)	...	Each	37.50-44.00
RCA socket	...	Each	14.50-18.25

ADD extra for :

Flush plate	...	Each	17.75-22.00
HDMI cable 5m long with plugs each end, installed in cavity	...	Each	56.00-68.00
F58 F-Type plug for RG6 coaxial cable	...	Each	6.25-9.00

**SMOKE ALARMS (DETECTORS)**

- Including cabling, accessories, etc., but excluding switchboards

Note

## Residential type smoke alarm (combined detector and alarm) :

- Basic (non-circuit) type, with 9V battery	...	Each	22.50-41.00
- 240V mains, interconnected type, with 9V battery (back-up) :	...	Each	
Ionisation type - surface	...	Each	79.00-94.00
Ionisation type - flush	...	Each	104.00-124.00
Photoelectric type - surface	...	Each	88.00-106.00
Photoelectric type - flush	...	Each	116.00-138.00
Heat alarm type - surface	...	Each	100.00-120.00

**HOME AUTOMATION SYSTEMS**

- Prices include installation and programming

Note

- Home (and small office) automation generally refers to a system to interlink, automate and remote control electrical items (eg appliances, lighting, dimming, air-conditioning, curtains, reticulation, home theatre, cctv and security). Various systems, functions and features are commonly available. Systems are generally digital, program controlled, modular and interfaced to electrical items with communication via data cabling, wireless or superimposed mains signalling. Manual operation, where desired, may be via a standard switch, multipurpose controller, mobile phone, computer or internet device.

Note

**C-BUS HOME AUTOMATION SYSTEM (DATA CABLED)**

**C-Bus installation example:** basic, upgradable, with remote control via telephone and :

- Lighting control with integrated keypads for 4 dimmed lighting loads and 12 non-dimmed lighting loads and with program to randomly switch lights on when the building is not occupied;
- Security system with 3 PIR motion detectors, external siren strobe, internal screamer, one button arming and telephone notification to a maximum of 16 telephone numbers;
- Sprinkler system control programmed with up to 6 watering zones

Sum 7,000.00-9,000.00

**C-Bus installation example:** extended basic - all as the basic example with remote control via telephone/security key pad :

- plus integrated keypads for 12 dimmed lighting loads and 4 non-dimmed lighting loads, exhaust fan and bathroom heater control, motion detectors to WIR's, pantry and to external lights and with program for duress and evacuation control ;
- plus 1 internal security system screamer and LCD key pad ;
- plus sprinkler rain detector over-ride ;
- plus smoke alarms linked to system for notification and evacuation

Sum 9,750.00-11,500.00

**MISCELLANEOUS****FIRE EXTINGUISHERS**

Wall mounted extinguisher and bracket :

Dry chemical, capacity :

4.50kg  
9.00kg

No

25.00  
45.00CO<sub>2</sub>, capacity :2.00kg  
5.00kg

No

25.00  
45.00

Foam, 9 litre

No

25.00  
45.00

Water stored pressure type, 9 litre

No

25.00

Recharging extinguishers :

Dry chemical, capacity :

4.50kg  
9.00kg

No

105.00  
125.00CO<sub>2</sub>, capacity :2.00kg  
5.00kg

No

75.00  
115.00

Foam, 9 litre

No

75.00

Water pressure stored type, 9 litre

No

65.00

**FIRE HYDRANT POINTS, HOSE REELS**

65mm dia. valve including average cost of supply piping in single storey building

No

1,145.00-1,215.00

Mains booster valve assembly to suit 65mm dia. pipe

No

2,760.00-2,880.00

Hoses and hose reels and connection to hydrant point :

No

650.00-885.00

Hose reel - 19mm dia. x 27m long

No

620.00-855.00

Hose - 65mm dia. x 27m long

No

550.00-600.00

Fire reel cabinet, wall mounted

**OFFICE FURNITURE****GENERAL OFFICE**

Desk, L shaped :

Standard range  
Medium range

No

400.00-500.00

No

800.00-900.00

Desk, rectangular :

Standard range  
Medium range

No

350.00-450.00

No

500.00-700.00

Typist, desk/table :

Standard range  
Medium range

No

295.00-385.00

No

465.00-565.00

Table, basic/standard range :

1500 x 800mm  
1800 x 800mm  
3000 x 800mm

No

200.00

No

240.00

No

350.00

Chair, swivel :

Standard range  
Medium range

No

300.00-400.00

No

400.00-500.00

Chair, upright :

Standard range  
Medium range

No

70.00-100.00

No

100.00-160.00

## DETAILED PRICES

### **EXTERNAL WORKS**

#### **KERBS AND DRAINS**

	UNIT	Adel. \$	Bris. \$	Hob. \$	Mel. \$	Per. \$	Syd. \$
Prices include excavation, backfilling and disposal of surplus	...	Note					
Cast in situ concrete including reinforcement, formwork and surface finish in :							
150 x 150mm kerb	m	65.90	67.00	50.60	58.20	39.90	108.00
250 x 150mm kerb	m	72.30	72.70	58.30	64.10	46.30	115.50
600 x 225mm kerb and gutter	m	90.50	89.60	79.80	81.00	63.90	136.00
Box drain 300mm wide x 250mm deep internally with 100mm thick bottom and sides	m	155.50	163.50	177.00	148.00	125.00	218.00
150 x 75mm edging strip	m	27.50	27.70	21.50	24.30	16.90	44.20
Extruded in situ concrete kerb :							
150 x 350mm high, 150mm in ground (x 500 metres)	m	36.10	37.70	-	40.30	-	40.20
250 x 150mm high (x 500 metres)	m	26.40	-	-	-	16.90	-
300 x 150mm high including 150 x 150mm trenching (x 500 metres)	m	37.60	-	-	-	25.40	-
600 x 225mm high kerb and gutter (x 500 metres)	m	38.70	48.70	56.80	-	-	-

### **SUNDRIES**

#### **ROAD MARKING**

One coat road marking paint on bitumen paving in line :

75mm wide	m	1.85	1.60	2.35	1.50	1.40	1.55
100mm wide	m	1.95	1.80	2.60	1.80	1.60	1.75

#### **BOLLARDS**

Galvanised m.s. pipe bollard 150mm dia. x 1200mm long  
filled with concrete neatly domed on top including base,  
excavation, backfill, etc.

...	No	265.00	280.00	275.00	265.00	275.00	270.00
-----	----	--------	--------	--------	--------	--------	--------

Lighting bollard, refer page 239

...	Note						
-----	------	--	--	--	--	--	--

Traditional styled cast stainless steel bollard

925mm high above ground :

Fixed	No	615.00	625.00	645.00	615.00	625.00	615.00
Removable including socket	No	1235.00	1250.00	1260.00	1235.00	1260.00	1235.00

### **FENCING AND GATES**

#### **TIMBER**

Standard butt jointed paling fence (excluding Perth)  
or butt jointed picket fence (Perth only) :

1500mm high	m	96.50	72.50	65.50	55.50	91.00	65.00
1800mm high	m	106.50	74.50	71.00	68.00	107.00	70.00

ADD extra for :

Lapping palings or pickets :

1500mm high	m	10.00	9.00	7.50	8.75	8.15	7.00
1800mm high	m	11.00	10.00	8.50	10.00	9.40	8.00

100mm wide splayed capping

...	m	12.00	8.80	11.00	8.40	9.35	7.00
-----	---	-------	------	-------	------	------	------

1800mm high with horizontal boards both sides  
alternately

...	m	145.00	-	-	-	144.00	124.00
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Standard brush fence on steel framing, with  
capping and set in concrete :

1500mm high	m	188.00	-	-	193.00	183.00	219.00
1800mm high	m	199.00	185.00	-	213.00	183.00	253.00

#### **FIBRE CEMENT**

1800mm high corrugated fibre cement set into  
ground and with metal capping

...	m	-	-	-	-	65.00	-
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#### **METAL**

##### **RIBBED SHEET**

Square profile fence of ribbed steel decking  
on steel posts and rails, with capping and set  
in concrete :

1500mm high - COLORBOND® steel both sides	m	87.00	84.50	100.00	81.00	85.00	82.50
1800mm high - COLORBOND® steel both sides	m	99.00	92.00	115.00	87.00	89.00	89.50

**EXTERNAL WORKS****FENCING AND GATES (cont'd)****METAL (cont'd)****MESH**

1200mm high fence of galvanised welded mesh roll top panels and tubular posts

... m 84.00 71.00 85.00 81.00

101.00

**ADD for :**

900mm wide single gate with two posts  
2750mm wide double ditto

... No 330.00 250.00 290.00 250.00

385.00

1525 or 1575mm high swimming pool safety fence of galvanised welded mesh panels with top and bottom rails and tubular posts

... m 132.00 133.00 150.00 122.00

267.00

**ADD for :**

1000mm wide single gate with two posts  
Pre-painted finish to fence

... No 450.00 450.00 500.00 445.00

445.00

2100mm high security fence of galvanised chain mesh plus three rows barbed wire on top

... m 86.00 76.50 63.00 66.00

69.50

**ADD for :**

900mm wide single gate with two posts,  
braces and fittings

... No 600.00 510.00 390.00 500.00

685.00

3000mm wide double gate with two posts,  
braces and fittings

... No 1050.00 860.00 830.00 880.00

547.00

5000mm ditto

... No 1250.00 1180.00 1095.00 1125.00

1160.00

Barbed tape (Tigertape) to top of fence  
(range)

... m 25.00- 30.00- 25.00- 27.00-

1230.00

28.00 35.00 27.00 29.00

21.00 14.00 13.00 13.00

37.00

Green plastic coating to link mesh

... m 16.00 14.00 13.00 13.00

40.00

Tubular top or bottom rail

... m 20.00 17.00 13.50 15.00

17.50

3600mm high tennis court enclosure fence of galvanised chain mesh with tubular posts

... m 133.00 102.00 130.00 91.50

94.00

**ADD for :**

1000mm wide entry gate

... No 330.00 320.00 310.00 300.00

375.00

Green plastic coating to link mesh

... m 22.00 21.00 18.00 23.00

29.50

**PALISADE**

Steel palisade high security fence "D" pale with galvanised finish and RSJ posts set in concrete :

1800mm high

... m 605.00 605.00 605.00 605.00

605.00

2400mm high

... m 710.00 710.00 710.00 710.00

710.00

**ADD for :**

Personnel single gate with posts -

1000mm wide x 1800mm high

... No 3355.00 3355.00 3655.00 3355.00

3355.00

x 2400mm high

... No 3655.00 3655.00 4020.00 3655.00

3655.00

Double leaf gate with posts -

4000mm wide x 1800mm high

... No 6150.00 6150.00 6770.00 6150.00

6150.00

x 2400mm high

... No 6645.00 6645.00 7310.00 6645.00

6645.00

6000mm wide x 1800mm high

... No 7720.00 7720.00 8490.00 7720.00

7720.00

x 2400mm high

... No 8500.00 8500.00 9350.00 8500.00

8500.00

Powder coated finish to fencing and gates

... +20 -30%

450.00

**RETAINING WALLS**

- Add extra to the following for :

Reinforced concrete footing including excavation  
Backfilling

... cum Note 410.00 460.00 500.00 390.00

390.00

In situ reinforced concrete walls :

150mm thick

... sqm 340.00 339.00 354.00 387.00

311.00

200mm thick

... sqm 369.00 364.00 384.00 412.00

338.00

250mm thick

... sqm 398.00 389.00 413.00 436.00

365.00

Brickwork, standard common, faced one side,

in wall :

230mm thick

... sqm 210.00 227.00 221.00 207.00

228.00

350mm thick

... sqm 315.00 342.00 333.00 310.00

345.00

470mm thick

... sqm 414.00 451.00 439.00 407.00

454.00