

# Item List and Specifications

Materials

# Aggregate, for concrete



<b>Item Code:</b>	<b>1501200101</b>
<b>Item Name:</b>	<b>Aggregate, for concrete</b>
Number of units:	1
Unit of measurement:	Cubic meter (m3)
Price for:	Minimum order of 5m3 or 10,000kg (bulk bag = 1m3 = 1,920kg)
Type:	Aggregate for concrete
Material:	Clean, hard, strong crushed stone or gravel
Quality:	Free of impurities and fine materials
Size:	9.5 mm - 37.5 mm
Packaging:	Delivered in bulk bag or by tipper truck.
Notes:	Specify the average size of particles

# Sand, for concrete and mortar



<b>Item Code:</b>	<b>1501200102</b>
<b>Item Name:</b>	<b>Sand, for concrete and mortar</b>
Number of units:	1
Unit of measurement:	Cubic meter (m3)
Price for:	Minimum order 5m3 (bulk bag = 1m3 = 1,600kg)
Type:	Sand for concrete and mortar
Material:	Aggregate washed sharp sand
Quality:	Fine; moisture content 7.5%
Packaging:	Delivered in bulk bag or by tipper truck.
Notes:	Specify moisture content

# Softwood for carpentry



<b>Item Code:</b>	<b>1501200103</b>
<b>Item Name:</b>	<b>Softwood, for carpentry</b>
Number of units:	1
Unit of measurement:	Meter (m)
Price for:	Minimum order 4 boards of 3m length i.e. 12m total
Type:	Softwood for carpentry
Material:	Sawn softwood sections
Quality:	Pre-treated (national standard)
Size:	50 mm x 100 mm
For:	Structural use
Notes:	Changed unit of measurement to "Meter". Typically purchased in 3m lengths.

# Exterior plywood



<b>Item Code:</b>	<b>1501200105</b>
<b>Item Name:</b>	<b>Exterior plywood</b>
Number of units:	1
Unit of measurement:	Square meter (m2)
Price for:	Minimum order 28m2 i.e. 10 boards of 1.2 x 2.4m
Type:	Exterior plywood
Material:	Plywood
Quality:	Good quality
Thickness:	15.5 mm
Shape:	Standard sheet
Notes:	If it comes in 1200mm x 2400mm which may be considered typical then this would reflect 2.88m2 (1.2 x 2.4). This size sheet would therefore reflect 35% of the cost $\left[\frac{1}{(1.2 \times 2.4)} \times 100\right]$ . Likewise if it comes in different size to 1200mm x 2400mm substitute these values in the formula to get a revised quantity.

# Interior plywood



<b>Item Code:</b>	1501200106
<b>Item Name:</b>	Interior plywood
Number of units:	1
Unit of measurement:	Square meter (m2)
Price for:	Minimum order 28m2 i.e. 10 boards of 1.2 x 2.4m
Type:	Interior plywood
Material:	Plywood
Quality:	Good quality
Thickness:	12 mm
Shape:	Standard sheet
Notes:	If it comes in 1200mm x 2400mm which may be considered typical then this would reflect 2.88m2 (1.2 x 2.4). This size sheet would therefore reflect 35% of the cost $\left[\frac{1}{(1.2 \times 2.4)} \times 100\right]$ . Likewise if it comes in different size to 1200mm x 2400mm substitute these values in the formula to get a revised quantity.

# Chipboard sheet



<b>Item Code:</b>	<b>1501200107</b>
<b>Item Name:</b>	<b>Chipboard sheet</b>
Number of units:	1
Unit of measurement:	Square meter (m2)
Price for:	Minimum order 28m2 i.e. 10 boards of 1.2 x 2.4m
Type:	Interior chipboard
Material:	Chipboard
Quality:	Good quality
Thickness:	15 mm
Shape:	Standard sheet
Notes:	If it comes in 1200mm x 2400mm which may be considered typical then this would reflect 2.88m2 (1.2 x 2.4). This size sheet would therefore reflect 35% of the cost $\left[\frac{1}{(1.2 \times 2.4)} \times 100\right]$ . Likewise if it comes in different size to 1200mm x 2400mm substitute these values in the formula to get a revised quantity.

# Petrol (gasoline)



<b>Item Code:</b>	<b>1501200108</b>
<b>Item Name:</b>	<b>Petrol (gasoline)</b>
Number of units:	1
Unit of measurement:	Liter (L)
Price for:	
Type:	Petrol (gasoline)
Quality:	Standard grade
For:	Motor vehicles
Notes:	

# Diesel fuel



<b>Item Code:</b>	<b>1501200109</b>
<b>Item Name:</b>	<b>Diesel fuel</b>
Number of units:	1
Unit of measurement:	Liter (L)
Price for:	
Type:	Diesel fuel
Quality:	Standard grade
For:	Construction equipment
Notes:	

# Oil paint



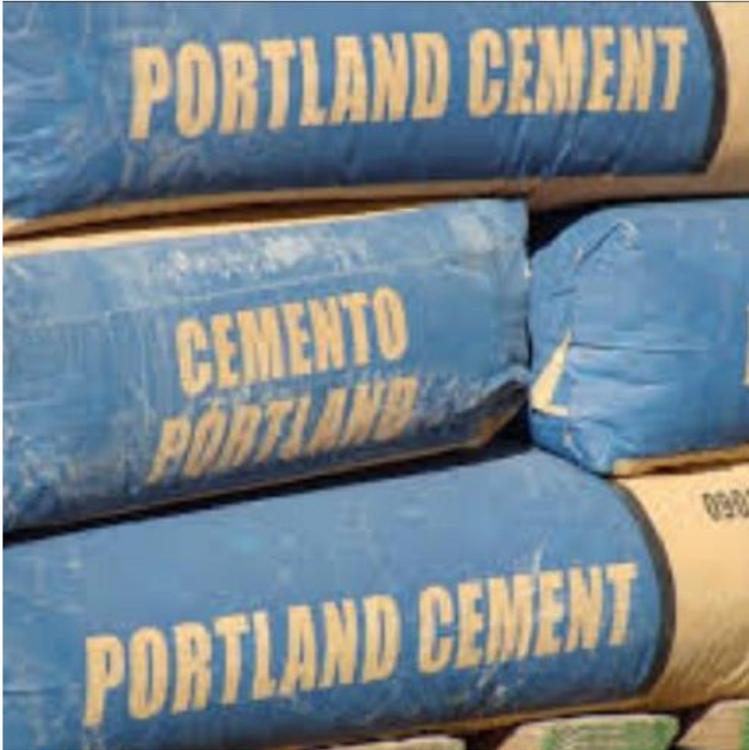
<b>Item Code:</b>	<b>1501200110</b>
<b>Item Name:</b>	<b>Oil paint</b>
Number of units:	1
Unit of measurement:	Liter (L)
Price for:	Minimum order of one 5L tin
Type:	Oil based paint
Material:	White; high gloss
For:	Top coat finishes to timber surfaces
Notes:	This is typically procured in a 5 liter tin. Therefore divide the cost per tin by the volume (liters) to get the cost per liter. Try to price 'trade' if possible.

# Emulsion paint



<b>Item Code:</b>	<b>1501200111</b>
<b>Item Name:</b>	<b>Emulsion paint</b>
Number of units:	1
Unit of measurement:	Liter (L)
Price for:	Minimum order of one 10L plastic tub
Type:	Water based emulsion paint
Material:	White; vinyl matt
For:	Internal plaster surfaces
Notes:	This is typically procured in a 10 liter plastic tub. Therefore divide the cost per tin by the volume (liters) to get the cost per liter. Try to price 'trade' if possible.

# Ordinary Portland cement



<b>Item Code:</b>	1501200112
<b>Item Name:</b>	Ordinary Portland cement
Number of units:	1
Unit of measurement:	Tonne (1000 kg)
Price for:	Minimum order 25 bags i.e. 40kg bag x 25= 1000kg
Type:	Ordinary Portland cement
Packaging:	Bags or bulk delivery
Notes:	Cement is delivered to end users either in bags (typically 40kg), or as bulk powder blown from a pressure vehicle into the customer's silo. For consistency, if the size of the bag is 40kg, try to price as 25 bags i.e. 40kg bag x 25 = 1000kg or calculate the number of bags to be priced depending upon the typical size of the bag

# Ready mix concrete



<b>Item Code:</b>	<b>1501200113</b>
<b>Item Name:</b>	<b>Ready mix concrete</b>
Number of units:	1
Unit of measurement:	Cubic meter (m3)
Price for:	Minimum order 34m3
Type:	Typical common mix (1:2:4) concrete
Material:	Cement; sand (20mm-40mm); aggregate (20N/mm2)
Notes:	Assuming a foundation which measures 15m x 15m x 150mm thick ( $15 \times 15 \times 0.15 = 34\text{m}^3$ ) then this would equate to 34m3. Please then divide the cost by 34 to obtain the price for 1m3.

# Precast concrete slabs



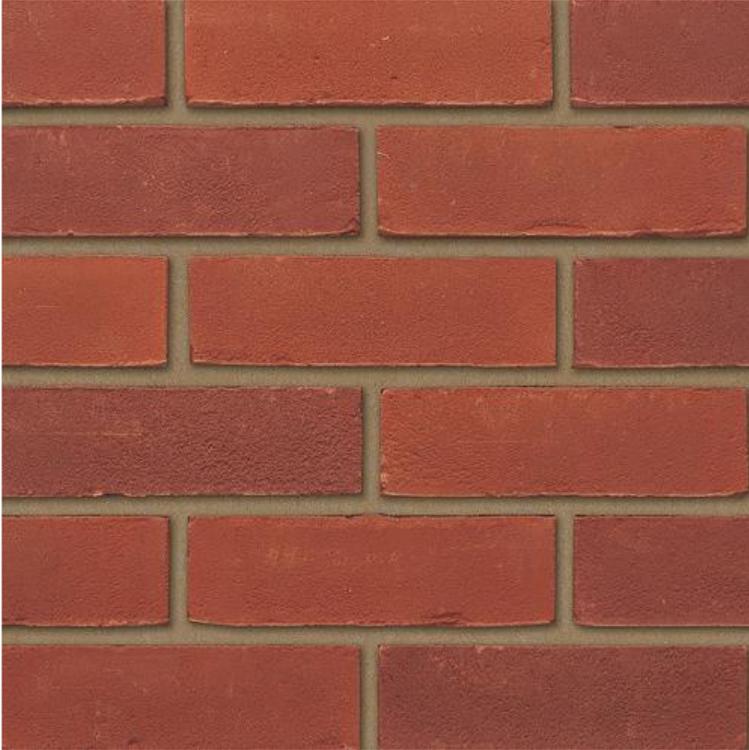
<b>Item Code:</b>	<b>1501200114</b>
<b>Item Name:</b>	<b>Precast concrete slabs</b>
Number of units:	1
Unit of measurement:	Square meter (m2)
Price for:	Minimum order 30m2
Type:	Precast concrete paving slabs
Size:	600 mm x 600 mm x 50 mm
Notes:	Assuming 600mm x 600mm it will reflect 2.78 slabs per m2 ( $1 / (0.6 \times 0.6)$ ). Likewise if it comes in different size to 600mm x 600mm substitute these values in the formula to get a revised quantity.

# Common bricks



<b>Item Code:</b>	1501200115
<b>Item Name:</b>	Common bricks
Number of units:	1
Unit of measurement:	Cubic meter (m3)
Price for:	
Type:	Ordinary clay bricks
Size:	215 mm x 100 mm x 65 mm
Capacity:	715 bricks/m3
For:	Render or plaster finish
Notes:	Assuming 215mm x 100mm x 65mm it will reflect 715 bricks per m3 ( $1 / (0.215 \times 0.1 \times 0.065)$ ). Likewise if it comes in different size to 215mm x 100mm x 65mm substitute these values in the formula to get a revised quantity.

## Facing bricks



<b>Item Code:</b>	<b>1501200116</b>
<b>Item Name:</b>	<b>Facing bricks</b>
Number of units:	1
Unit of measurement:	Cubic meter (m3)
Price for:	
Type:	Self finished clay bricks
Quality:	Medium quality
Size:	215 mm x 100 mm x 65 mm
Capacity:	715 bricks/m3
For:	Walling
Notes:	Assuming 215mm x 100mm x 65mm it will reflect 715 bricks per m3 ( $1 / (0.215 \times 0.1 \times 0.065)$ ). Likewise if it comes in different size to 215mm x 100mm x 65mm substitute these values in the formula to get a revised quantity.

# Concrete blocks, hollow



<b>Item Code:</b>	<b>1501200117</b>
<b>Item Name:</b>	<b>Concrete blocks, hollow</b>
Number of units:	1
Unit of measurement:	Cubic meter (m3)
Price for:	
Type:	Hollow dense aggregate concrete blocks
Size:	440 mm x 215 mm x 140 mm
Capacity:	76 blocks/m3
Density:	7N/mm2
Notes:	Assuming 440mm x 215mm x 140mm it will reflect 76 blocks per m3 ( $1 / (0.44 \times 0.215 \times 0.14)$ ). Likewise if it comes in different size to 440mm x 215mm x 140mm substitute these values in the formula to get a revised quantity.

# Concrete blocks, solid



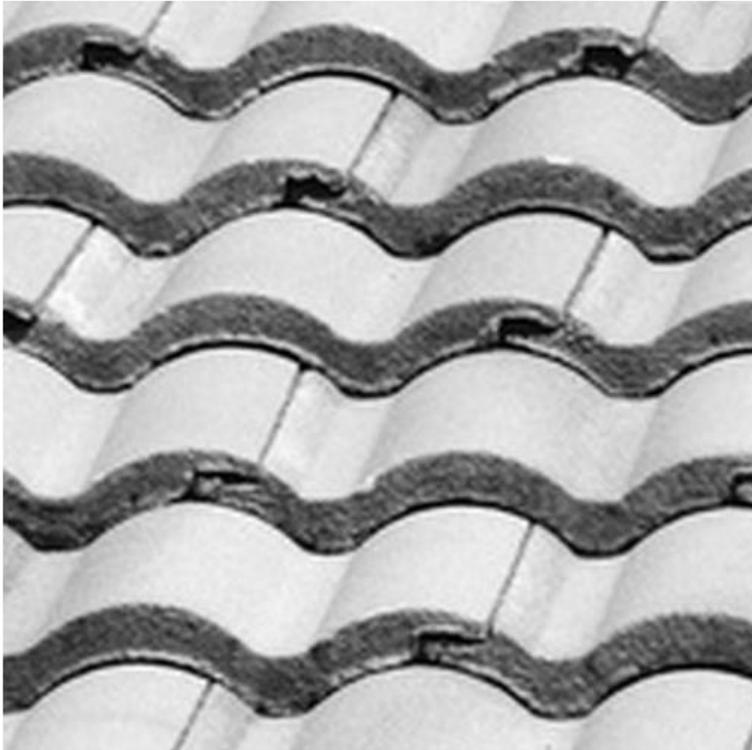
<b>Item Code:</b>	1501200118
<b>Item Name:</b>	Concrete blocks, solid
Number of units:	1
Unit of measurement:	Cubic meter (m3)
Price for:	
Type:	Solid dense aggregate concrete blocks
Size:	440 mm x 215 mm x 140 mm
Capacity:	76 blocks/m3
Density:	7N/mm2
Notes:	Assuming 440mm x 215mm x 140mm it will reflect 76 blocks per m3 ( $1 / (0.44 \times 0.215 \times 0.14)$ ). Likewise if it comes in different size to 440mm x 215mm x 140mm substitute these values in the formula to get a revised quantity.

# Clay roof tiles



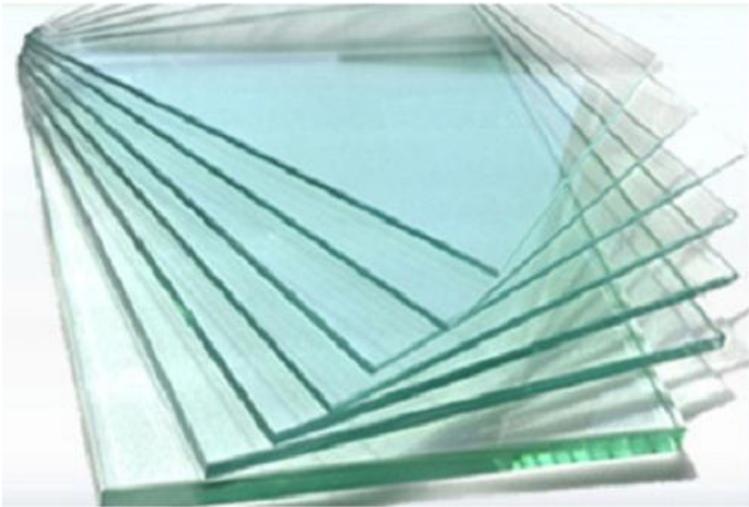
<b>Item Code:</b>	<b>1501200119</b>
<b>Item Name:</b>	<b>Clay roof tiles</b>
Number of units:	1
Unit of measurement:	Square meter (m2)
Price for:	Minimum order 30m2
Type:	Clay plain smooth red machine-made interlocking tile or similar
Size:	265 mm x 125 mm
Capacity:	30 tiles/m2
For:	Roof surface
Notes:	Type of tiles further specified. Assuming 265mm x 125mm it will reflect 30 tiles per m2 ( $1 / (0.265 \times 0.125)$ ). Likewise if it comes in different size to 265mm x 125mm substitute these values in the formula to get a revised quantity.

# Concrete roof tiles



<b>Item Code:</b>	<b>1501200120</b>
<b>Item Name:</b>	<b>Concrete roof tiles</b>
Number of units:	1
Unit of measurement:	Square meter (m2)
Price for:	Minimum order 30m2
Type:	Concrete interlocking tiles
Size:	420 mm x 330 mm
Capacity:	7 tiles/m2
For:	Roof surface
Notes:	Type of tiles further specified. Assuming 420mm x 330mm it will reflect 7 tiles per m2 ( $1 / (0.42 \times 0.33)$ ). Likewise if it comes in different size to 420mm x 330mm substitute these values in the formula to get a revised quantity.

# Float (sheet) glass



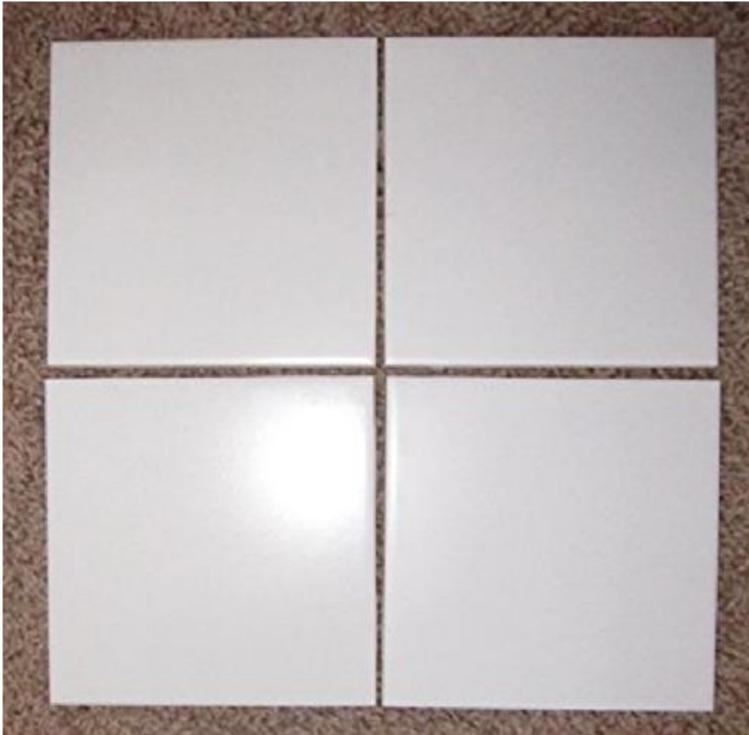
<b>Item Code:</b>	<b>1501200121</b>
<b>Item Name:</b>	<b>Float (sheet) glass</b>
Number of units:	1
Unit of measurement:	Square meter (m2)
Price for:	Minimum order 10m2
Type:	Standard plain float (sheet) glass
Quality:	Clear float glass
Thickness:	4 mm
Notes:	Please ensure to price 4mm where possible as thickness effects price. Also assumed a panel which measures 1m x 1m if possible to ensure consistency.

# Double glazing units



<b>Item Code:</b>	<b>1501200122</b>
<b>Item Name:</b>	<b>Double glazing units</b>
Number of units:	1
Unit of measurement:	Square meter (m2)
Price for:	Minimum order 10m2
Type:	Factory made, hermetically sealed double glazing units
Size:	0.5 - 2.0 m2 (medium)
Thickness:	4-12-4 (4mm glass; 12mm cavity; 4mm glass); cavity filled with dehydrated air or an inert gas.
Notes:	Thickness further specified. Please ensure you price 4mm as thickness effects price. Also assume a panel measures 1m x 1m if possible to ensure consistency. This item is for a hermetically sealed double glazing unit and shouldn't include the frame etc.

# Ceramic wall tiles



<b>Item Code:</b>	<b>1501200123</b>
<b>Item Name:</b>	<b>Ceramic wall tiles</b>
Number of units:	1
Unit of measurement:	Square meter (m2)
Price for:	Minimum order 10m2
Type:	Thick white or light coloured wall tiles
Material:	Ceramic
Quality:	Medium quality
Size:	152 mm x 152 mm x 5.5 mm
Capacity:	43 tiles/m2
Notes:	Please ensure you price 5.5mm as thickness effects price. Please ensure you price per m2 rather than per tile. Therefore assuming 152mm x 152mm it will reflect 43 tiles per m2 ( $1 / (0.152 \times 0.152)$ ). Likewise if it comes in different size to 152mm x 152mm substitute these values in the formula to get a revised quantity.

# Plasterboard



<b>Item Code:</b>	<b>1501200124</b>
<b>Item Name:</b>	<b>Plasterboard</b>
Number of units:	1
Unit of measurement:	Square meter (m2)
Price for:	Minimum order 28m2 i.e. 10 boards of 1.2 x 2.4m
Type:	Plasterboard, paper faced, taper edged
Material:	Plasterboard
Thickness:	12.5 mm
Shape:	Standard sheet
Notes:	If it comes in 1200mm x 2400mm which may be considered typical then this would reflect 2.88m2 (1.2 x 2.4). For this size sheet 1m2 would therefore reflect 35% of the cost $((1 / (1.2 \times 2.4)) * 100)$ . Likewise if it comes in different size to 1200mm x 2400mm substitute these values in the formula to get a revised quantity.

# Hand wash basin



<b>Item Code:</b>	<b>1501200125</b>
<b>Item Name:</b>	<b>Hand wash basin</b>
Number of units:	1
Unit of measurement:	Piece
Price for:	
Type:	Hand wash basin
Material:	White vitreous china
Quality:	Average quality
Size:	160 (D) mm x 500 (L) mm x 450 (W) mm
Weight:	20 kg
For:	Domestic use, wall hung
Exclude:	Taps, trap and pipework
Notes:	

# High yield steel reinforcement



<b>Item Code:</b>	<b>1501200126</b>
<b>Item Name:</b>	<b>High yield steel reinforcement</b>
Number of units:	1
Unit of measurement:	Tonne (1000 kg)
Price for:	
Type:	High yield steel reinforcing bars
Material:	Steel
Quality:	High yield
Diameter:	16 mm
Weight:	1.58 kg/m
Exclude:	Cutting and bending
Notes:	High yield strength deformed bars is the most common steel used in reinforcements. It has a higher carbon content than mild steel and a higher tensile strength. It weighs the same as mild steel. Therefore 16mm diameter bars weigh 1.58kg per m, and 633m is required for 1000kg (1000/1.58).

# Mild steel reinforcement



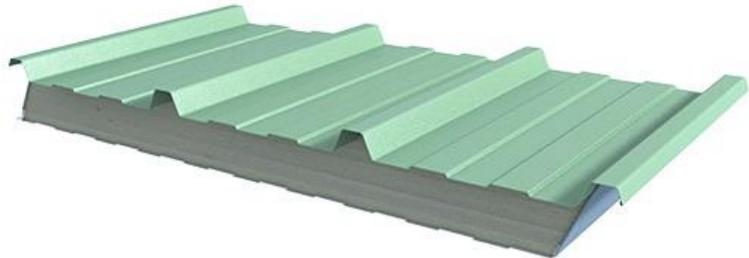
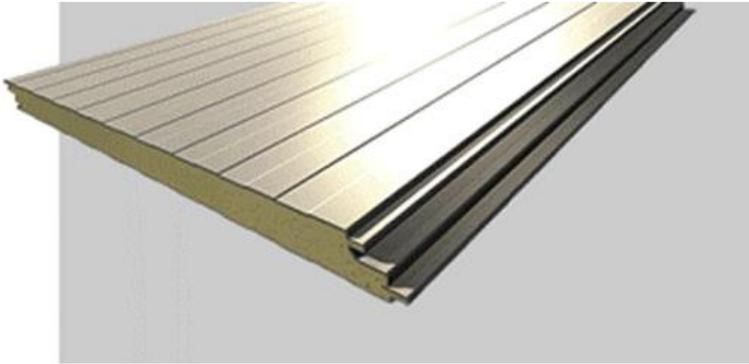
<b>Item Code:</b>	<b>1501200127</b>
<b>Item Name:</b>	<b>Mild steel reinforcement</b>
Number of units:	1
Unit of measurement:	Tonne (1000 kg)
Price for:	
Type:	Mild steel steel reinforcing bars
Material:	Steel
Quality:	Mild
Diameter:	16 mm
Weight:	1.58 kg/m
Exclude:	Cutting and bending
Notes:	Mild steel is the most common steel available for fabrications as it is more ductile. 16mm diameter bars weigh 1.58kg per m, and 633m is required for 1000kg (1000/1.58).

# Structural steel sections



<b>Item Code:</b>	<b>1501200128</b>
<b>Item Name:</b>	<b>Structural steel sections</b>
Number of units:	1
Unit of measurement:	Tonne (1000 kg)
Price for:	
Type:	Mild steel I beams
Material:	Steel
Quality:	Mild
Thickness:	Flange - 7.9 mm; Web - 4.8 mm
Dimension:	178 mm x 102 mm x 19 mm
Weight:	19 kg/m
Notes:	1000kg @ 19kg/m is the equivalent of 53m (1 / 0.019). Likewise if it comes in a different weight to 19kg/m then substitute the weight in the formula to get a revised quantity.

# Sheet metal roofing



<b>Item Code:</b>	<b>1501200129</b>
<b>Item Name:</b>	<b>Sheet metal roofing</b>
Number of units:	1
Unit of measurement:	Square meter (m2)
Price for:	
Type:	Twin skin roofing panel
Material:	Colour coated steel or aluminium profiled sheeting (outer layer); 100mm insulation, (internal liner sheet)
Notes:	Please ensure you price sheet metal roofing with insulation. Assumed the profile of the steel roof is 0.5mm. The insulation might comprise a fibre-free rigid thermoset phenolic core like 'Kingspan Kooltherm K107 Pitched Roof Board'.

## PVCu drain pipe



<b>Item Code:</b>	<b>1501200131</b>
<b>Item Name:</b>	<b>PVCu drain pipe</b>
Number of units:	1
Unit of measurement:	Meter (m)
Price for:	Minimum order 10m
Type:	PCVu pipe
Material:	Polyvinyl chloride
Diameter:	150 mm
Notes:	New item. Changed from cast iron pipe to PCVu pipe. This is for drainage and would be capable of 10 bar pressure. Usually comes in 3m lengths.

# Copper pipe



<b>Item Code:</b>	<b>1501200132</b>
<b>Item Name:</b>	<b>Copper pipe</b>
Number of units:	1
Unit of measurement:	Meter (m)
Price for:	Minimum order 10m
Type:	Copper pipe
Material:	Copper
Diameter:	15 mm
Notes:	Commonly used for the supply of hot and cold water

## Plastic (PBT or MDPE) pipe



<b>Item Code:</b>	<b>1501200133</b>
<b>Item Name:</b>	<b>Plastic (PBT or MDPE) pipe</b>
Number of units:	1
Unit of measurement:	Meter (m)
Price for:	Minimum order 10m
Type:	PBT or MDPE pipe
Material:	Plastic PBT (Polybutylene) or MDPE (Polyethylene)
Diameter:	20 mm
Notes:	New item. Commonly used for the supply of hot and cold water.

# Mineral wool insulation



<b>Item Code:</b>	<b>1501200134</b>
<b>Item Name:</b>	<b>Mineral wool insulation</b>
Number of units:	1
Unit of measurement:	Square meter (m2)
Price for:	Minimum order 10m2
Type:	Mineral wool insulation
Material:	Mineral wool
Thickness:	100 mm
For:	Insulation of walls and roof
Notes:	New item. Purchased in rolls. To calculate m2 rate calculate the size of the roll l (m) x w (m) and divide the price by the size (m2).

# Precast concrete bullnosed kerb



<b>Item Code:</b>	<b>1501200135</b>
<b>Item Name:</b>	<b>Precast concrete bullnosed kerb</b>
Number of units:	1
Unit of measurement:	Meter (m)
Price for:	Minimum order 10m
Type:	Precast concrete
Material:	Concrete
Size:	125 mm X 150 mm
Notes:	New item. Abrasion resistance (mm) $\leq$ 23mm wide wheel abrasion test); material density 2300kg/m <sup>3</sup> (typically)

# Electricity



<b>Item Code:</b>	<b>1501200138</b>
<b>Item Name:</b>	<b>Electricity</b>
Number of units:	1
Unit of measurement:	Kilowatt-hour (kWh)
Price for:	
Type:	Electricity, typical average tariff
For:	Commercial use
Notes:	

Plant

# Wheeled loader and excavator, with operator

With Operator



<b>Item Code</b>	1501200201
<b>Item Name</b>	Wheeled loader and excavator, with operator
<b>Number of units</b>	1
<b>Unit of measurement</b>	Hour
<b>Type</b>	Rental of loader and excavator, four wheel drive
<b>With operator</b>	Yes
<b>Brand (indicative)</b>	JCB
<b>Model (indicative)</b>	3CX Super Sitemaster
<b>Engine power (indicative)</b>	70 kW (94 hp)
<b>Travel speed (indicative)</b>	30 km/h
<b>Operating width (indicative)</b>	2 m
<b>Operating weight (indicative)</b>	8000 kg
<b>Operating capacity (indicative)</b>	4000 kg (loader); 700 kg (backhoe)
<b>Dig depth (indicative)</b>	4 m
<b>Price excludes</b>	Operating fuel, equipment insurance and life insurance.
<b>Specify</b>	Equipment brand and model
<b>Notes</b>	Updated the "Price excludes" parameter.

# Tracked tractor, with operator



<b>Item Code</b>	1501200202
<b>Item Name</b>	Tracked tractor, with operator
<b>Number of units</b>	1
<b>Unit of measurement</b>	Hour
<b>Type</b>	Rental of tracked tractor, with "U-blade"
<b>With operator</b>	Yes
<b>Brand (indicative)</b>	Caterpillar
<b>Model (indicative)</b>	D6T Standard
<b>Engine power (indicative)</b>	170 kW (228 hp)
<b>Travel speed (indicative)</b>	10 km/h
<b>Operating width (indicative)</b>	3 m
<b>Operating weight (indicative)</b>	20,000 kg
<b>Operating capacity (indicative)</b>	
<b>Dig depth (indicative)</b>	
<b>Price excludes</b>	Operating fuel, equipment insurance and life insurance.
<b>Specify</b>	Equipment brand and model
<b>Notes</b>	Updated the "Price excludes" parameter.

# Skid steer loader, with operator



<b>Item Code</b>	<b>1501200203</b>
<b>Item Name</b>	<b>Skid steer loader, with operator</b>
<b>Number of units</b>	1
<b>Unit of measurement</b>	Hour
<b>Type</b>	Rental of skid steer loader
<b>With operator</b>	Yes
<b>Brand (indicative)</b>	Bobcat
<b>Model (indicative)</b>	S630
<b>Engine power (indicative)</b>	55 kW (74 hp)
<b>Travel speed (indicative)</b>	10 km/h
<b>Operating width (indicative)</b>	1.8 m
<b>Operating weight (indicative)</b>	3500 kg
<b>Operating capacity (indicative)</b>	1000 kg
<b>Dig depth (indicative)</b>	
<b>Price excludes</b>	Operating fuel, equipment insurance and life insurance.
<b>Specify</b>	Equipment brand and model
<b>Notes</b>	Updated the "Price excludes" parameter.

# Tandem vibrating roller, with operator



<b>Item Code</b>	<b>1501200204</b>
<b>Item Name</b>	<b>Tandem vibrating roller, with operator</b>
<b>Number of units</b>	1
<b>Unit of measurement</b>	Hour
<b>Type</b>	Rental of tandem vibrating roller
<b>With operator</b>	Yes
<b>Brand (indicative)</b>	JCB
<b>Model (indicative)</b>	VMT500
<b>Engine power (indicative)</b>	33 kW (47 hp)
<b>Travel speed (indicative)</b>	6 km/h
<b>Operating width (indicative)</b>	1.4 m
<b>Operating weight (indicative)</b>	5000 kg
<b>Operating capacity (indicative)</b>	
<b>Dig depth (indicative)</b>	
<b>Price excludes</b>	Operating fuel, equipment insurance and life insurance.
<b>Specify</b>	Equipment brand and model
<b>Notes</b>	Updated the "Price excludes" parameter.

# Compact track loader, with operator



<b>Item Code</b>	<b>1501200205</b>
<b>Item Name</b>	<b>Compact track loader, with operator</b>
<b>Number of units</b>	1
<b>Unit of measurement</b>	Hour
<b>Type</b>	Rental of compact track loader
<b>With operator</b>	Yes
<b>Brand (indicative)</b>	Bobcat
<b>Model (indicative)</b>	T190
<b>Engine power (indicative)</b>	46 kW (61 hp)
<b>Travel speed (indicative)</b>	11 km/h
<b>Operating width (indicative)</b>	1.7 m
<b>Operating weight (indicative)</b>	3500 kg
<b>Operating capacity (indicative)</b>	850 kg
<b>Dig depth (indicative)</b>	
<b>Price excludes</b>	Operating fuel, equipment insurance and life insurance.
<b>Specify</b>	Equipment brand and model
<b>Notes</b>	Updated the "Price excludes" parameter.

# Wheeled loader and excavator, without operator



Without Operator

<b>Item Code</b>	<b>1501200211</b>
<b>Item Name</b>	<b>Wheeled loader and excavator, without operator</b>
<b>Number of units</b>	1
<b>Unit of measurement</b>	Hour
<b>Type</b>	Rental of loader and excavator
<b>With operator</b>	No
<b>Brand (indicative)</b>	JCB
<b>Model (indicative)</b>	3CX Super Sitemaster
<b>Engine power (indicative)</b>	70 kW (94 hp)
<b>Travel speed (indicative)</b>	30 km/h
<b>Operating width (indicative)</b>	2 m
<b>Operating weight (indicative)</b>	8000 kg
<b>Operating capacity (indicative)</b>	4000 kg (loader); 700 kg (backhoe)
<b>Dig depth (indicative)</b>	4 m
<b>Price excludes</b>	Operating fuel, equipment insurance and life insurance.
<b>Specify</b>	Equipment brand and model
<b>Notes</b>	Updated the "Price excludes" parameter.

# Tracked tractor, without operator



<b>Item Code</b>	<b>1501200212</b>
<b>Item Name</b>	<b>Tracked tractor, without operator</b>
<b>Number of units</b>	1
<b>Unit of measurement</b>	Hour
<b>Type</b>	Rental of tracked tractor
<b>With operator</b>	No
<b>Brand (indicative)</b>	Caterpillar
<b>Model (indicative)</b>	D6T Standard
<b>Engine power (indicative)</b>	170 kW (228 hp)
<b>Travel speed (indicative)</b>	10 km/h
<b>Operating width (indicative)</b>	3 m
<b>Operating weight (indicative)</b>	20,000 kg
<b>Operating capacity (indicative)</b>	
<b>Dig depth (indicative)</b>	
<b>Price excludes</b>	Operating fuel, equipment insurance and life insurance.
<b>Specify</b>	Equipment brand and model
<b>Notes</b>	Updated the "Price excludes" parameter.

# Skid steer loader, without operator



<b>Item Code</b>	<b>1501200213</b>
<b>Item Name</b>	<b>Skid steer loader, without operator</b>
<b>Number of units</b>	1
<b>Unit of measurement</b>	Hour
<b>Type</b>	Rental of skid steer loader
<b>With operator</b>	No
<b>Brand (indicative)</b>	Bobcat
<b>Model (indicative)</b>	S630
<b>Engine power (indicative)</b>	55 kW (74 hp)
<b>Travel speed (indicative)</b>	10 km/h
<b>Operating width (indicative)</b>	1.8 m
<b>Operating weight (indicative)</b>	3500 kg
<b>Operating capacity (indicative)</b>	1000 kg
<b>Dig depth (indicative)</b>	
<b>Price excludes</b>	Operating fuel, equipment insurance and life insurance.
<b>Specify</b>	Equipment brand and model
<b>Notes</b>	Updated the "Price excludes" parameter.

# Tandem vibrating roller, without operator



<b>Item Code</b>	<b>1501200214</b>
<b>Item Name</b>	<b>Tandem vibrating roller, without operator</b>
<b>Number of units</b>	1
<b>Unit of measurement</b>	Hour
<b>Type</b>	Rental of tandem vibrating roller
<b>With operator</b>	No
<b>Brand (indicative)</b>	JCB
<b>Model (indicative)</b>	VMT500
<b>Engine power (indicative)</b>	33 kW (47 hp)
<b>Travel speed (indicative)</b>	6 km/h
<b>Operating width (indicative)</b>	1.4 m
<b>Operating weight (indicative)</b>	5000 kg
<b>Operating capacity (indicative)</b>	
<b>Dig depth (indicative)</b>	
<b>Price excludes</b>	Operating fuel, equipment insurance and life insurance.
<b>Specify</b>	Equipment brand and model
<b>Notes</b>	Updated the "Price excludes" parameter.

# Compact track loader, without operator



<b>Item Code</b>	<b>1501200215</b>
<b>Item Name</b>	<b>Compact track loader, without operator</b>
<b>Number of units</b>	1
<b>Unit of measurement</b>	Hour
<b>Type</b>	Rental of compact track loader
<b>With operator</b>	No
<b>Brand (indicative)</b>	Bobcat
<b>Model (indicative)</b>	T190
<b>Engine power (indicative)</b>	46 kW (61 hp)
<b>Travel speed (indicative)</b>	11 km/h
<b>Operating width (indicative)</b>	1.7 m
<b>Operating weight (indicative)</b>	3500 kg
<b>Operating capacity (indicative)</b>	850 kg
<b>Dig depth (indicative)</b>	
<b>Price excludes</b>	Operating fuel, equipment insurance and life insurance.
<b>Specify</b>	Equipment brand and model
<b>Notes</b>	Updated the "Price excludes" parameter.

Labour

# General labourers, unskilled



<b>Item Code</b>	<b>1501200301</b>
<b>Item Name</b>	<b>General labourers, unskilled</b>
<b>ISCO code</b>	9313
<b>ISCO name</b>	Building construction labourers
<b>Number of units</b>	1
<b>Unit of measurement</b>	Hour
<b>Skill level</b>	Unskilled
<b>Salary type</b>	Gross
<b>Training</b>	No training required
<b>General definition</b>	Performs routine tasks in connection with building construction and demolition work
Example tasks (a)	(a) cleaning used building bricks and doing other simple work on demolition sites
Example tasks (b)	(b) mixing pouring and spreading materials such as concrete, plaster and mortar
Example tasks (c)	(c) digging and filling holes and trenches using hand held tools
Example tasks (d)	(d) spreading sand, soil, gravel and similar materials
Example tasks (e)	(e) loading and unloading construction materials, excavated material and equipment and transporting them around construction sites using wheelbarrows, hods and hand trucks;
Example tasks (f)	(f) cleaning work sites and removing obstructions
<b>Specify</b>	Average number of hours worked per day; Average net-to-gross rate

# Bricklayer, skilled



<b>Item Code</b>	1501200302
<b>Item Name</b>	<b>Bricklayer, skilled</b>
<b>ISCO code</b>	7112
<b>ISCO name</b>	Bricklayers and related workers
<b>Number of units</b>	1
<b>Unit of measurement</b>	Hour
<b>Skill level</b>	Skilled
<b>Salary type</b>	Gross
<b>Training</b>	Training in a technical college or similar institution or on the job training
<b>General definition</b>	Lays bricks, pre-cut stones and other types of building blocks in mortar to construct and repair walls, partitions, arches and other structures
<b>Example tasks (a)</b>	(a) laying stone, brick and similar building blocks to construct or repair walls, partitions, fireplaces and other structures such as smokestacks, furnaces, converters, kilns and ovens, piers and abutments
<b>Example tasks (b)</b>	(b) laying footpaths, kerbs and pavements
<b>Example tasks (c)</b>	(c) laying bricks or other masonry to build patios, garden walls and other decorative installations
<b>Specify</b>	Average number of hours worked per day; average net-to-gross rate

# Plumber, skilled



<b>Item Code</b>	1501200303
<b>Item Name</b>	Plumber, skilled
<b>ISCO code</b>	7126
<b>ISCO name</b>	Plumbers and pipe fitters
<b>Number of units</b>	1
<b>Unit of measurement</b>	Hour
<b>Skill level</b>	Skilled
<b>Salary type</b>	Gross
<b>Training</b>	Training in a technical college or similar institution or on the job training
<b>General definition</b>	Assembles, installs, repairs and maintains pipe systems, fittings and fixtures for water, gas, drainage, sewerage systems, and hydraulic and pneumatic equipment
<b>Example tasks (a)</b>	(a) measuring, cutting, threading, bending, jointing, assembling, installing, maintaining and repairing pipes, fittings and fixtures of drainage, heating, water supply and sewerage systems
<b>Example tasks (b)</b>	(b) installing gas appliances, dishwashers and water heaters, sinks and toilets using hand and power tools
<b>Example tasks (c)</b>	(c) laying clay, concrete or cast-iron pipes in ditches to form sewers, drains or water mains, or for other purposes
<b>Example tasks (d)</b>	(d) inspecting, examining and testing installed systems and pipes, using pressure gauge, hydrostatic testing, observation or other methods
<b>Specify</b>	Average number of hours worked per day; average net-to-gross rate

# Carpenter, skilled



<b>Item Code</b>	1501200304
<b>Item Name</b>	Carpenter, skilled
<b>ISCO code</b>	7115
<b>ISCO name</b>	Carpenters and joiners
<b>Number of units</b>	1
<b>Unit of measurement</b>	Hour
<b>Skill level</b>	Skilled
<b>Salary type</b>	Gross
<b>Training</b>	Training in a technical college or similar institution or on the job training
<b>General definition</b>	Cuts, shapes, assembles, erects, maintains and repairs various types of structures and fittings made from wood and other materials
<b>Example tasks (a)</b>	(a) making, altering and repairing structural and other woodwork at a work-bench and on a construction site
<b>Example tasks (b)</b>	(b) constructing, erecting and installing heavy-framed wooden structures on building sites
<b>Example tasks (c)</b>	(c) fitting, assembling and altering internal and external fixtures of buildings, such as walls, doors, door and window frames, facings and panelling
<b>Specify</b>	Average number of hours worked per day; average net-to-gross rate

# Structural steel worker, skilled



<b>Item Code</b>	<b>1501200305</b>
<b>Item Name</b>	<b>Structural steel worker, skilled</b>
<b>ISCO code</b>	7214
<b>ISCO name</b>	Structural metal preparers and erectors
<b>Number of units</b>	1
<b>Unit of measurement</b>	Hour
<b>Skill level</b>	Skilled
<b>Salary type</b>	Gross
<b>Training</b>	Training in a technical college or similar institution or on the job training
<b>General definition</b>	Assembles, erects and dismantles structural metal frames of buildings and other structures
<b>Example tasks (a)</b>	(a) marking metal framework as a guide when drilling, cutting, and shaping them for use in buildings, ships and other structures;
<b>Example tasks (b)</b>	(b) drilling, cutting and shaping structural steel in a workshop
<b>Example tasks (c)</b>	(c) erecting steel framework for buildings, bridges and other constructions
<b>Example tasks (d)</b>	(d) assembling and erecting the framework and other metal parts of ships' structures
<b>Example tasks (e)</b>	(e) shaping and fitting structural-steel plates of ships under construction or repair
<b>Example tasks (f)</b>	(f) riveting structural-metal members by hand, machine or pneumatic riveter
<b>Specify</b>	Average number of hours worked per day; average net-to-gross rate

# Electrician, skilled



<b>Item Code</b>	1501200306
<b>Item Name</b>	<b>Electrician, skilled</b>
<b>ISCO code</b>	7411
<b>ISCO name</b>	Building and related electricians
<b>Number of units</b>	1
<b>Unit of measurement</b>	Hour
<b>Skill level</b>	Skilled
<b>Salary type</b>	Gross
<b>Training</b>	Training in a technical college or similar institution or on the job training
<b>General definition</b>	Installs, maintains and repairs electrical wiring systems and related equipment and fixtures
<b>Example tasks (a)</b>	(a) installing, maintaining and repairing electrical wiring systems and related equipment in various buildings such as schools, hospitals, commercial establishments, residential buildings and other structures
<b>Example tasks (b)</b>	(b) examining blueprints, wiring diagrams and specifications to determine sequences and methods of operation
<b>Example tasks (c)</b>	(c) planning layout and installation of electrical wiring, equipment and fixtures, based on job specifications and relevant standards
<b>Example tasks (d)</b>	(d) inspecting electrical systems, equipment, and components to identify hazards, defects, and the need for adjustment or repair;
<b>Example tasks (e)</b>	(e) selecting, cutting and connecting wire and cable to terminals and connectors
<b>Example tasks (f)</b>	(f) measuring and laying out installation reference points
<b>Example tasks (g)</b>	(g) positioning and installing electrical switchboards
<b>Example tasks (h)</b>	(h) testing continuity of circuit.
<b>Specify</b>	Average number of hours worked per day; average net-to-gross rate

# Machine (equipment) operator, skilled



<b>Item Code</b>	1501200307
<b>Item Name</b>	Machine (equipment) operator, skilled
<b>ISCO code</b>	8342
<b>ISCO name</b>	Earthmoving and related plant operators
<b>Number of units</b>	1
<b>Unit of measurement</b>	Hour
<b>Skill level</b>	Skilled
<b>Salary type</b>	Gross
<b>Training</b>	Training in a technical college or similar institution or on the job training
<b>General definition</b>	Operates machines, such as bulldozers, excavators and front-end loaders, to excavate, grade, level, smooth and compact earth or similar materials
<b>Example tasks (a)</b>	(a) operating and monitoring excavating machinery equipped with moveable shovel, grab-bucket or dragline bucket, to excavate and move earth, rock, sand, gravel or similar materials
<b>Example tasks (b)</b>	(b) operating and monitoring machinery for digging trenches for sewers, drainage, water, oil, gas or similar pipelines
<b>Example tasks (c)</b>	(c) operating and monitoring machinery equipped with concave steel blade to move, distribute and level earth, sand, snow and other materials
<b>Example tasks (d)</b>	(d) operating and monitoring equipment to remove sand, gravel and mud from bottom of body of water
<b>Example tasks (e)</b>	(e) operating and monitoring machines for hammering wooden, concrete or steel piles into ground
<b>Example tasks (f)</b>	(f) operating and monitoring power roller to compact and smooth layers of materials in making roads,
<b>Example tasks (g)</b>	(g) operating and monitoring machines which spread and smooth concrete or bituminous or tar preparations to construct roadways, roads or similar surfaces
<b>Specify</b>	Average number of hours worked per day; average net-to-gross rate

# Painter, skilled



<b>Item Code</b>	1501200308
<b>Item Name</b>	Painter, skilled
<b>ISCO code</b>	7131
<b>ISCO name</b>	Painters and related workers
<b>Number of units</b>	1
<b>Unit of measurement</b>	Hour
<b>Skill level</b>	Skilled
<b>Salary type</b>	Gross
<b>Training</b>	Training in a technical college or similar institution or on the job training
<b>General definition</b>	Prepares surfaces of buildings and other structures for painting, apply protective and decorative coats of paint or similar materials, or cover interior walls and ceilings of buildings with wallpaper or other finishes
<b>Example tasks (a)</b>	(a) cleaning and preparing walls and other surfaces of buildings for painting or wallpapering
<b>Example tasks (b)</b>	(b) selecting and preparing paints to required colours by mixing pigments and additives
<b>Example tasks (c)</b>	(c) applying or spraying paint, varnish and similar materials to surfaces, fixtures and fittings of buildings
<b>Example tasks (d)</b>	(d) measuring and hanging wallpaper or other fabrics on interior walls and ceilings
<b>Example tasks (e)</b>	(e) applying paints, varnishes and stains to surfaces using brushes, rollers and sprays
<b>Specify</b>	Average number of hours worked per day; average net-to-gross rate