



# **JBCC CONTRACT PRICE ADJUSTMENT PROVISIONS (CPAP)**

## **Work Groups Composition and Weighting of Sub-indices** CURRENT AS AT MARCH 2005

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# CONTRACT PRICE ADJUSTMENT PROVISIONS (CPAP)

## Work Groups Composition with Weighting of Sub-indices

CURRENT AS AT MARCH 2005

Work Group		Weight	Sub-indices
102	Alterations	1.00	Labour cost – CPI
104	Earthworks	0.50	Labour cost – CPI
		0.50	Plant, civil engineering
106	Piling	0.27	Labour cost – CPI
		0.03	Sand
		0.10	Cement
		0.06	Aggregate, crushed stone
		0.12	Reinforcing steel
		0.42	Civil engineering plant
110	Concrete (excluding formwork)	0.22	Labour cost – CPI
		0.45	Cement
		0.13	Sand
		0.20	Aggregate, crushed stone
111	Formwork	0.50	Labour cost – CPI
		0.15	SA Pine, kiln dried
		0.20	Structural steel products
		0.15	Building boards
112	Precast concrete	0.30	Labour cost – CPI
		0.14	Cement
		0.05	Sand
		0.06	Aggregate crushed stone
		0.09	SA Pine, kiln dried
		0.09	Building boards
		0.09	Iscor steel price index, flat products, Table E
		0.12	Reinforcing steel
0.06	Structural steel products		
113	Post Tensioning	0.27	Labour cost – CPI
		0.55	Strand
		0.18	Anchors
114	Reinforcement	0.30	Labour cost – CPI
		0.70	Reinforcing steel
116	Brick and blockwork	0.45	Labour cost – CPI
		0.06	Cement
		0.04	Sand
		0.35	Bricks, stock
		0.10	Bricks, face
118	Masonry	0.46	Labour cost – CPI
		0.54	Natural stone, cut and sawn
120	Waterproofing	0.19	Labour cost – CPI
		0.53	Bitumen Sheeting, modified
		0.12	Bitumen & Acrylic Emulsion
		0.04	Self-Adhesive Sheeting
		0.12	Joint Sealants
122	Non-metallic roof coverings	0.20	Labour cost – CPI
		0.40	Roof tiles, concrete
		0.40	Roof sheets, fibre cement
124	Metal roofing (steel)	0.15	Labour cost – CPI
		0.85	GMS sheeting, coated & profiled (roofing)
125	Metal roofing (aluminium)	0.10	CPI
		0.90	Aluminium sheeting, profiled, distributor level
126	Carpentry and joinery	0.35	Labour cost – CPI
		0.20	SA Pine, kiln dried
		0.10	Building boards
		0.20	Meranti, Imported
		0.15	Doors, flush
129	Ceilings	0.25	CPI
		0.25	Gypsum board
		0.20	Drop-in ceiling tiles (Gypsum)
		0.15	Drop-in ceiling tiles (Masonite)
		0.10	Aluminium sections, extruded, distributor level
		0.05	Iscor steel price index, Table E

Work Group		Weight	Sub-indices
130	Resilient floor and wall coverings	0.24	Labour cost – CPI
		0.27	Vinyl tiles, flooring
		0.27	Vinyl sheeting, flooring
		0.22	Carpeting, woven needle punch
132	Ironmongery	0.22	Labour cost – CPI
		0.31	Lever locks
		0.26	Hinges
		0.08	Cylinder lock set
		0.13	Aluminium lever furniture
134	Structural steelwork in buildings	0.48	CPI
		0.52	Structural steel products
136	Metalwork	0.30	Labour cost – CPI
		0.30	Structural steel products
		0.30	Steel sections, small
		0.10	Iscor steel price index, flat products Table E
138	Partitioning systems	0.36	Labour cost – CPI
		0.24	Gypsum board
		0.16	Doors, flush
		0.09	Aluminium sections, extruded, distributor level
		0.05	Ironmongery selected, WG 132
		0.05	Iscor steel price index, Table E
		0.05	Glass, building industry use, cut to size
140	Aluminium work	0.40	Labour cost – CPI
		0.60	Aluminium sections, extruded, distributor level
141	Stainless steel work	0.50	Labour cost – CPI
		0.50	Stainless steel products, flat rolled
142	In situ finishes	0.67	Labour cost – CPI
		0.20	Cement
		0.10	Sand
		0.03	Aggregate crushed stone
144	Tiling	0.42	Labour cost – CPI
		0.50	Glazed ceramic tiles, white
		0.08	Tile adhesives
146	Drainage	0.60	Labour cost – CPI
		0.30	PVC Pipes
		0.10	Concrete pipes
148	Plumbing	0.40	Labour cost – CPI
		0.10	Wash hand Basin
		0.10	WC's
		0.10	Stainless steel products, flat rolled
		0.20	Piping, copper
		0.10	Piping, PVC
149	Aluminium shopfronts and preglazed aluminium windows	0.40	Labour cost –CPI
		0.25	Aluminium sections, extruded, distributor level
		0.35	Glass, building industry use, cut to size
150	Glazing	0.10	Labour cost – CPI
		0.90	Glass, building industry use, cut to size
152	Painting	0.65	Labour cost – CPI
		0.18	Paints, cementitious
		0.17	Paints, enamel
154	Roadworks	0.20	Labour cost – CPI
		0.34	Aggregate crushed stone
		0.21	Bitumen, road surfacing
		0.20	Engineering plant, civil
		0.05	Diesel
160	Electrical installation	0.10	Labour cost – CPI
		0.10	Seifsa Actual labour cost index Table C3
		0.50	Electrical engineering materials
		0.15	Seifsa Iscor Steel price index, flat products Table E
		0.15	Seifsa Metal prices, Copper Table F

Work Group		Weight	Sub-indices
162	Electrical - Reticulation	0.10	Labour cost – CPI
		0.10	Labour cost – Seifsa
		0.30	Electrical engineering materials
		0.20	Seifsa Iscor Steel price index, flat products Table E
		0.30	Seifsa Metal prices, Copper Table F
170	Mechanical services	0.50	Labour cost – SEIFSA
		0.08	Labour cost – CPI
		0.23	Sheet, galvanised
		0.04	Angles, mild steel
		0.08	Steel tubes, pipes and fittings
		0.07	Electrical engineering materials
180	Lump sum contracts	0.02	WG 104 – Earthworks
		0.04	WG 110 – Concrete
		0.01	WG 114 – Reinforcement
		0.20	WG 116 – Brick and blockwork
		0.01	WG 120 – Waterproofing
		0.03	WG 122 – Non-metal roof coverings
		0.03	WG 124 – Metal roofing
		0.10	WG 126 – Carpentry and joinery
		0.04	WG 130 – Resilient floor and wall coverings
		0.01	WG 132 – Ironmongery
		0.05	WG 136 – Metal work
		0.08	WG 142 – In situ finishes
		0.03	WG 144 – Tiling
		0.02	WG 146 – Drainage
		0.10	WG 148 – Plumbing
		0.01	WG 150 – Glazing
		0.04	WG 152 – Painting
0.10	WG 160 – Electrical installation		
0.08	WG 190 - Preliminaries		
181	Commercial Industrial Buildings	0.02	WG 104 – Earthworks
		0.01	WG 106 – Piling
		0.06	WG 110 – Concrete
		0.05	WG 111 – Formwork
		0.01	WG 112 – Precast concrete
		0.04	WG 114 – Reinforcement
		0.04	WG 116 – Brick and blockwork
		0.01	WG 120 – Waterproofing
		0.02	WG 122 – Non-metal roof coverings
		0.02	WG 124 – Metal roofing
		0.01	WG 125 – Metal roofing (aluminium)
		0.06	WG 126 – Carpentry and joinery
		0.03	WG 129 – Ceilings
		0.04	WG 130 – Resilient floor and wall coverings
		0.01	WG 132 – Ironmongery
		0.02	WG 134 – Structural steel
		0.02	WG 136 – Metal work
		0.02	WG 138 – Partitioning systems
		0.06	WG 142 – In situ finishes
		0.03	WG 144 – Tiling
0.02	WG 146 – Drainage		
0.10	WG 148 – Plumbing		
0.01	WG 150 – Glazing		
0.03	WG 152 – Painting		
0.02	WG 154 – Roadworks		
0.10	WG 160 – Electrical installations		
0.07	WG 170 – Mechanical services		
0.07	WG 190 – Preliminaries		
190	Preliminaries	0.55	Labour cost – CPI
		0.30	Civil engineering plant
		0.15	Diesel oil (retail)