Capex materials escalators

					Next Period							
	Current Period (Actual)			Assessment Period (Forecast)		CPP Period (Forecast)						
FY08 = year ended 31 March 2008	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19

Inputs

World Bank Commodity Price Forecast September 2012 (Nominal USD) - average of 12 months ending December

106 \$/bbl 79 104 106 107 107 107 107 108 108 Crude oil, avg, spot Aluminium \$/mt 2,173 2,401 2,000 2,350 2,500 2,600 2,650 2,700 2,725

2,750 7,535 8,828 7,900 8,500 8,000 7,000 6,500 6,000 6,100 6,200 \$/mt Copper 146 168 128 135 120 110 100 95 90 100 Iron ore (main component of steel) \$/dmt

Source: World Bank, Development Prosepects Group. http://www.worldbank.org/prospects/commodities

Exchange rate forecast - financial year average

USD 1 NZD 0.68 0.73 0.81 0.79 0.78 0.75 0.69 0.66 0.66 0.66

Source: NZIER September 2012 Quarterly Prediction

Material weightings by asset category

66 kV Underground cables

Copper	100%

Other underground cables

Aluminium	95%
Copper	5%

Overhead line conductors

Aluminium	95%
Copper	5%

Transformers

Steel	45%
Copper	50%
Oil	5%

Switchgear

Copper	75%
Steel	25%

Calculations

Conversion to Financial Year (75% of previous year + 25% of current)

Capex Materials Page 1

Crude oil, avg, spot	\$/bbl
Aluminium Copper Iron ore (main component of steel)	\$/mt \$/mt \$/dmt

85.3 104.4 105.7 106.0 106.6 107.0 107.3 107.5 107.8 2,230 2,301 2,088 2,388 2,525 2,613 2,663 2,706 2,731 7,858 8,596 8,050 8,375 7,750 6,875 6,375 6,025 6,125 152 158 130 131 118 108 98 91 96

Conversion to NZD

Crude oil, avg, spot	\$/bbl
Aluminium	\$/mt
Copper	\$/mt
Iron ore (main component of steel)	\$/dmt

116.3	129.4	134.4	135.8	141.8	155.0	163.7	164.1	164.5
3,041	2,852	2,654	3,059	3,359	3,786	4,065	4,132	4,170
10,718	10,655	10,235	10,731	10,310	9,963	9,733	9,198	9,351
207	196	165	168	156	156	149	139	147

Conversion to NZD Index

Crude oil, avg, spot	
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Aluminium
Copper

Iron ore (main component of steel)

1,000	1,010	1,055	1,153	1,218	1,221	1,224
1,000	1,153	1,266	1,426	1,532	1,557	1,571
1,000	1,049	1,007	973	951	899	914
1.000	1.019	948	944	902	845	891

Cumulative Percentage Change

Crude oil,	ava.	spot	
Orado on,	u٠9,	opot	

Aluminium

Copper

Iron ore (main component of steel)

100%	101.0%	105.5%	115.3%	121.8%	122.1%	122.4%
100%	115.3%	126.6%	142.6%	153.2%	155.7%	157.1%
100%	104.9%	100.7%	97.3%	95.1%	89.9%	91.4%
100%	101.9%	94.8%	94.4%	90.2%	84.5%	89.1%

Output

Switchgear

Asset category indices

66kV Underground cables Other underground cables Overhead line conductors Transformers

100%	104.9%	100.7%	97.3%	95.1%	89.9%	91.4%
100%	114.7%	125.3%	140.4%	150.3%	152.4%	153.8%
100%	114.7%	125.3%	140.4%	150.3%	152.4%	153.8%
100%	103.4%	98.3%	96.9%	94.2%	89.0%	91.9%
100%	104.1%	99.2%	96.6%	93.9%	88.5%	90.8%

Capex Materials Page 2

								Next Period				
		Curr	ent Period (Ad	ctual)		Assessment Period (Forecast)		CPP Period (Forecast)				
FY08 = year ended 31 March 2008	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19

Labour								
LCI (average for financial year)	1,000	1,021	1,041	1,061	1,089	1,112	1,136	1,161
Change in LCI		2.10%	1.92%	1.97%	2.61%	2.16%	2.16%	2.16% Source: NZIER September 2012 Quarterly Prediction
Index from 2013		1,000	1,019	1,039	1,066	1,089	1,113	1,137
Cumulative change in LCI		100%	101.92%	103.93%	106.64%	108.94%	111.29%	113.69%
Canterbury construction labour								
Change in index			7.5%	7.5%	7.5%	5.0%	5.0%	5.0%
Index from 2013		1,000	1,075	1,156	1,242	1,304	1,370	1,438
Cumulative change in index		100%	107.50%	115.56%	124.23%	130.44%	136.96%	143.81%
CPI								
GPI								
CPI (average for financial year)	1,160	1177	1199	1225	1252	1279	1307	1335
Change in CPI	1,100	1.42%	1.91%	2.17%	2.17%	2.17%	2.17%	2.17% Source: Reserve Bank September 2012 Forecast
Index from 2013		1000	1019	1041	1064	1087	1110	1134
Cumulative change in CPI		100%	101.91%	104.12%	106.38%	108.69%	111.04%	113.45%
		<u>'</u>	<u> </u>	1	11	<u> </u>	1	
PPI								
PPI (average for financial year)	1,039	1061	1093	1129	1170	1208	1246.5	1286.4
Change in PPI		2.09%	3.04%	3.32%	3.65%	3.20%	3.20%	3.20% Source: NZIER September 2012 Quarterly Prediction
Indexed to 2013		1,000	1,030	1,065	1,103	1,139	1,175	1,213
Cumulative change in PPI		100%	103.04%	106.46%	110.35%	113.88%	117.53%	121.30%

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