


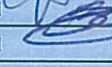

## Project Estimate - Form B

# SE

**Project Name : NORTHERN BUSWAY EXTENSION - EAST ALIGNMENT**

Scheme Estimate

Item	Description	Base Estimate	P50 Contingency	P95 / Funding Risk
A	<b>Nett Project Property Cost - Excluded</b>	15,600,000	3,100,000	1,500,000
	Investigation and Reporting			
	- Consultancy Fees	included		
	- Transit Managed Costs	included		
B	<b>Total Investigation and Reporting</b>	8,000,000	1,600,000	1,000,000
	Design and Project Documentation			
	- Consultancy Fees	included		
	- Transit Managed Costs	included		
C	<b>Total Design and Project Documentation</b>	28,000,000	5,600,000	3,400,000
	Construction			
1	MSQA			
	- Consultancy Fees	included		
	- NZTA Managed Costs	included		
	- Consent Monitoring Fees	included		
	<b>Sub Total Base MSQA</b>	24,000,000	4,800,000	2,900,000
	Physical Works			
2	Environmental Compliance	10,100,000		
3	Earthworks	47,800,000		
4	Reclamation	0		
5	Ground Improvements	7,800,000		
6	Drainage	15,200,000		
7	Pavement & Surfacing	17,000,000		
8	Bridges	39,100,000		
9	Cut & Cover Tunnels	0		
10	Retaining Walls	45,100,000		
11	Traffic Services	28,500,000		
12	Service Relocations	15,300,000		
13	Landscaping & Urban Design	13,000,000		
14	Bus Stations - Albany and Greville	13,700,000		
15	Traffic Management Temporary works	28,700,000		
16	Preliminary and General Costs	119,700,000		
17	Rounding	-1,000,000	1,000,000	
	<b>Sub Total Base Physical Works</b>	400,000,000	80,000,000	96,000,000
D	<b>Total Construction</b>	424,000,000		
E	<b>Project Base Estimate (P0)</b> (A+B+C+D)	475,600,000		
F	<b>Contingency (Assessed/Analysed)</b>		96,100,000	
G	<b>Project Expected Estimate (P50)</b> (E+F)		571,700,000	
H	<b>Funding Risk (Assessed/Analysed)</b>			104,800,000
I	<b>95th percentile Project Estimate (P95)</b> (G+H)			676,500,000

Date of Estimate - 18 November 2011	Cost Index (Qtr/Year) - 3/2011
Estimate prepared by Carl Viljoen	Signed 
Estimate internal peer review by Brian Lonergan	Signed 
Estimate external peer review by	Signed 
Estimate accepted by NZTA	Signed

These estimates are exclusive of escalation and GST

**GENERAL SUMMARY**

COMPANY : Beca

PROJECT : NORTHERN BUSWAY EXTENSION - EAST ALIGNMENT

DATE : Fri 11 Nov 2011 09:39am

SubTitle : November 2011 - SCHEME ESTIMATES

Bid Currency : New Zealand

CO	SECTION NAME	UNIT	QUANTITY	RATE	COST
	<b><u>NORTHERN BUSWAY EXTENSION</u></b>				
	<b><u>EAST ALIGNMENT - SCHEME ESTIMATE</u></b>				
	Note: The accuracy of these estimates is in the order of 25%	note			
	The estimate totals are P50 (Expected) values	note			
1	East Alignment - Constellation to Albany (CH20232 - CH24200)				249,000,000.00
2	East Alignment - Albany to Silverdale (CH8000 - CH20232)				304,000,000.00
	<b>East Alignment Total</b>				<b>553,000,000.00</b>
	<b>NOTES</b>				
	The estimates are based on the following Beca drawing: NBE Scheme Design Figure No. SD-001 to SD-023, the 20m sections for this alignment and the concept bus connection to the Albany Station.				
	<b>EXCLUSIONS</b>				
	Settlement mitigation				
	GST				
	Escalation				
	Property Cost				
	<b>TOTALS OF SELECTED SECTIONS</b>				
					<b>553,000,000.00</b>

RELEASED UNDER THE OFFICIAL INFORMATION ACT