

Activity	Number of Plant to be used in the Activity																			
	Excavator	Bladehoe	Loader	Rock Driller	Concrete Cutter	Lorry	Vibrating Hammer	Piling Machine	Electricity Generator	Air Compressor	Lifting Crane	Bar Bender	Concrete Pump	Concrete Lorry Mixer	Vibrating Poker	Grader	Paver	Compacting Plate	Compacting Roller	
	CNP030	CNP081	CNP081	CNP181	BSS228 Ref/ C284	CNP141	BSS228 Ref/ C486	CNP166	CNP101	CNP003	CNP048	CNP021	CNP047	CNP044	CNP170	CNP104	CNP004	CNP050	CNP186	
1 Between Island House and Tai Wan Road																				
2 Site Clearance	1	1	1			4														
3 Utility Diversions																				
4 Extend Culvert at CH150		1				2	1		1	1	1	1	1	2	2				2	
5 Filling embankment between CH600 and CH1800			2			5														1
6 Construct retaining walls		1							1	2	1	2	1	2	4					1
7 Construct new Banyan Bridge																				
8 - Sheetpiling							1													
9 - Foundation works						2														1
10 - Construct substructure																				
11 - Construct superstructure																				
12 Construct new Playground Bridge																				
13 - Sheetpiling							1													
14 - Foundation works						2														1
15 - Construct substructure																				
16 - Construct superstructure																				
17 Demolish and rebuild Banyan Bridge West																				
18 - Install protective measures						1														
19 - Demolish existing bridge						2														1
20 - Foundation works																				
21 - Construct substructure																				
22 - Construct superstructure																				
23 - Demolish existing Banyan Bridge																				
24 Widening Lam Kim Railway Bridge						1														
25 - Sheetpiling							1													
26 - Foundation works						2														1
27 - Construct substructure																				
28 - Construct superstructure																				
29 Construct new Bridge No. 11																				
30 - Foundation works						2														1
31 - Construct substructure																				
32 - Construct superstructure																				
33 Construct new Bridge No. 10																				
34 - Foundation works						2														1
35 - Construct substructure																				
36 - Construct superstructure																				
37 Construct noise barriers																				
38 - Foundation works						2														1
39 - Install noise barriers																				
40 Roadworks and Traffic Signs						4														2
41 Drainage works						2														1
42 Traffic Diversion and surfacing						4														2
43 Landscaping works						1														2

Activity	Number of Plant to be used in the Activity																			
	Bulldozer CNP030	Backhoe CNP081	Loader CNP081	Rock Driller CNP181	Concrete Cutter BS5228 Ref. C284	Lorry CNP141	Vibrating Hammer BS5228 Ref. C486	Piling Machine CNP186	Electricity Generator CNP101	Air Compressor CNP003	Lifting Crane CNP048	Bar Bender CNP021	Concrete Pump CNP047	Concrete Lorry Mixer CNP044	Vibrating Poker CNP170	Grader CNP104	Paver CNP004	Compacting Plate CNP050	Compacting Roller CNP186	
45) Between Tai Wan Road and Tai Po Tai Wo Road																				
46) Site Clearance	1		1																	
47) Utility Diversions		1				4														
48) Temporary protective measures for slope cutting									1										2	
49) Cutting at Ch2 180, 2300, 2500 and 2900		2		1		6														
50) Construct retaining walls	2																			
51) Slope protective measures									2											
52) Reprovide footpaths	1																			
53) Extend existing culvert NB80, NB81 and N135	2					4														
54) Filling of embankments at Ch2550, 2430, 2650 and 2700			2			6														
55) Construct new Bridge No. 12																				
56) - Foundation works																				
57) - Construct substructure						2														
58) - Construct superstructure																				
59) Construct new bridge to link Tai Po Tai Wo Road																				
60) - Foundation works						2														
61) - Construct substructure																				
62) - Construct superstructure																				
63) Construct new Bridge No. 13																				
64) - Foundation works						2														
65) - Construct substructure																				
66) - Construct superstructure																				
67) Construct new Bridge No. 15																				
68) - Foundation works						2														
69) - Construct substructure																				
70) - Construct superstructure																				
71) Realign Tai Po Tai Wo Road						2														
72) Construct noise barriers																				
73) - Foundation works						2														
74) - Install noise barriers																				
75) Roadworks and Traffic signs						2														
76) Drainage works						4														
77) Traffic diversion and surfacing						2														
78) Landscaping works						4														

Activity	Number of Plant to be used in the Activity																			
	Bulldozer	Backhoe	Loader	Rock Driller	Concrete Cutter	Lorry	Vibrating Hammer	Piling Machine	Electricity Generator	Air Compressor	Lifting Crane	Bar Bender	Concrete Pump	Concrete Lorry Mixer	Vibrating Pocker	Grader	Paver	Compacting Plate	Compacting Roller	
	CNP030	CNP081	CNP081	CNP181	BSS228 Ref C284	CNP141	BSS228 Ref C486	CNP186	CNP101	CNP003	CNP048	CNP021	CNP047	CNP044	CNP170	CNP104	CNP004	CNP050	CNP186	
80 Between Tai Po Tai Wai Road and Hong Lok Yuan Road																				
81 Site Clearance	1	1	1			4														
82 Utility Diversions																				
83 Temporary protective measures for slope cutting									1											2
84 Cutting at CH4300		2		1																
85 Extend WSD Flood Arches		1				2									2					1
86 Extend WSD Accommodation Underpass		1				2									2					1
87 Construct portal to protect existing water tunnel at CH4900		1				2									2					1
88 - Foundation works		1				1									2					1
89 - Construct portal		1				3									2					1
90 Filling embankment at CH4900		1				2									2					1
91 Relocate ramp of subway B		1				2									2					1
92 Construct dwarf wall at CH5200		1				2									2					1
93 Realign slip road and footpath underneath CH5200		1		1		2									2					1
94 Construct new Lam Kam Flyover																				
95 - Sheepsling																				
96 - Foundation works		2				4									2					1
97 - Construct substructure								2							2					1
98 - Construct superstructure								2							2					1
99 Construct retaining wall at CH4600		2						2							2					1
100 Modification of pipe bridge								2							2					1
101 - Install protective measures						1														
102 - Sheepsling																				
103 - Foundation works																				
104 - Construct substructure		1				2									2					1
105 - Construct superstructure															2					1
106 Construct noise barriers															2					1
107 - Foundation works		1				2									2					1
108 - Install noise barriers																				
109 Roadworks and Traffic signs		1				4									2					2
110 Drainage works		1				2									2					1
111 Traffic diversion and surfacing		1				4									2					1
112 Landscaping works						1														2

Agreement No. CE 73/98
Investigation Assignment for Widening of Tolo Highway / Fanning Highway Between Island House Interchange and Fanning
Construction Plant Inventory (Section 4)

Activity	Number of Plant to be used in the Activity																		
	Bulldozer CNP030	Backhoe CNP081	Loader CNP081	Rock Driller CNP181	Concrete Cutter BSS228 Ref C284	Lorry CNP141	Vibrating Hammer BSS228 Ref C486	Piling Machine CNP186	Electricity Generator CNP101	Air Compressor CNP003	Lifting Crane CNP048	Bar Bender CNP021	Concrete Pump CNP047	Concrete Lorry Mixer CNP044	Vibrating Poker CNP170	Grader CNP104	Paver CNP050	Compacting Plate CNP050	Compacting Roller CNP186
115 Between Hong Lok Yuen Road and Pak Wo Road																			
116 Site clearance	1																		
117 Utility diversions		2	2			8												2	1
118 River diversion		1	1			3	1		1									1	1
119 Watermain diversions		1	1			2	1		1									1	1
120 Relocate rubber dam		1	1			1	1		1									1	1
121 Extend existing culvert N437, N448, N449, N490 and N491		2	2			4	1		2									1	2
122 Filling of embankments		1	1			6													
123 Realign Tai Wo Services Road West		1	1			2			1									1	1
124 Construct retaining wall at Chai500																			
125 Demolish and rebuild Kiu Teu Bridge						1			1										
126 - Install protective measures						2													
127 - Demolish existing bridge																			
128 - Sheepiling																			
129 - Foundation works						2	1		1										
130 - Construct substructure																			
131 - Construct superstructure																			
132 Construct Tai Hang Footbridge Extension																			
133 - Foundation works						1			1										
134 - Construct substructure																			
135 - Construct superstructure																			
136 Provide temporary footbridges at Tai Wo and Nam Wah Po						2	1		1										
137 Construct Tai Wo Footbridge Extension																			
138 - Foundation works						1			1										1
139 - Construct substructure																			
140 - Construct superstructure																			
141 Construct Nam Wah Po Footbridge																			
142 - Foundation works						1			1										1
143 - Construct substructure																			
144 - Construct superstructure																			
145 Construct Nam Wah Po Footbridge Extension																			
146 - Foundation works						1			1										1
147 - Construct substructure																			
148 - Construct superstructure																			
149 Construct Kiu Teu Footbridge																			
150 - Foundation works						1			1										1
151 - Construct substructure																			
152 - Construct superstructure																			
153 Construct Ho Ka Yuen Footbridge																			
154 - Foundation works						1			1										1
155 - Construct substructure																			
156 - Construct superstructure																			
157 Demolish existing footbridges																			
158 - Install protective measures						1			1										
159 - Demolish existing footbridge						2			2										
160 Reprovide footpaths and cycletracks						1			1										
161 Modify road connections						2			2										
162 Construct noise barriers						1			1										
163 - Foundation works						2			2										
164 - Install noise barriers						2			2										
165 Roadworks and Traffic signs						2			2										
166 Drainage works						2			2										
167 Traffic diversion and surfacing						2			2										
168 Landscaping works						1			1										

Agreement No. CE 73/98
Investigation Assignment for Widening of Tolo Highway / Fanning Highway Between Island House Interchange and Fanning
Construction Plant Inventory (Section 1-reduced)

Activity	Number of Plant to be used in the Activity																			
	Bulldozer	Backhoe	Loader	Rock Driller	Concrete Cutter	Lorry	Vibrating Hammer	Piling Machine	Electricity Generator	Air Compressor	Lifting Crane	Bar Bender	Concrete Pump	Concrete Lorry Mixer	Vibrating Poker	Grader	Paver	Compacting Plate	Compacting Roller	
	CHP030	CHP001	CHP001	CHP181	BSS228 Ref: C284	CHP141	BSS228 Ref: C485	CHP106	CHP101	CHP003	CHP048	CHP021	CHP047	CHP044	CHP170	CHP104	CHP004	CHP030	CHP106	
1 Between Island House and Tet Wan Road																				
2 Site Clearance	1	1	1			3														
3 Utility Diversions		1					1													
4 Extend Culvert at CH1550		1				2														
5 Filling embankment between CH600 and CH1600			2			4														
6 Construct retaining walls		1																		
7 Construct new Banyan Bridge																				
8 - Sheetpiling																				
9 - Foundation works						2														
10 - Construct substructure																				
11 - Construct superstructure																				
12 Construct new Playground Bridge																				
13 - Sheetpiling																				
14 - Foundation works						2														
15 - Construct substructure																				
16 - Construct superstructure																				
17 Demolish and rebuild Banyan Bridge West																				
18 - Install protective measures						1														
19 - Demolish existing bridge						2														
20 - Foundation works																				
21 - Construct substructure																				
22 - Construct superstructure																				
23 Demolish existing Banyan Bridge																				
24 Widening Lam Kim Railway Bridge						2														
25 - Sheetpiling																				
26 - Foundation works																				
27 - Construct substructure						2														
28 - Construct superstructure																				
29 Construct new Bridge No. 11																				
30 - Foundation works						2														
31 - Construct substructure																				
32 - Construct superstructure																				
33 Construct new Bridge No. 10																				
34 - Foundation works																				
35 - Construct substructure						2														
36 - Construct superstructure																				
37 Construct noise barriers																				
38 - Foundation works						2														
39 - Install noise barriers																				
40 Roadworks and Traffic Signs																				
41 Drainage works						3														
42 Traffic Diversion and surfacing						3														
43 Landscaping works						1														

Activity	Number of Plant to be used in the Activity																		
	Bulldozer CNP030	Backhoe CNP081	Loader CNP081	Rock Driller CNP181	Cable Cutter BSZ228 REV C284	Lorry CNP141	Vibrating Hammer BSZ228 REV C486	Piling Machine CNP186	Electricity Generator CNP101	AF Compressor CNP003	Lifting Crane CNP048	Bar Bender CNP021	Concrete Pump CNP047	Concrete Lorry Mixer CNP044	Vibrating Poker CNP170	Grader CNP104	Paver CNP004	Compacting Plate CNP050	Compacting Roller CNP186
45) Between Tai Wen Road and Tai Po Tai Wo Road	1	1	1			4													
46) Site Clearance																			
47) Utility Diversions																			
48) Temporary protective measures for slope cutting										1	1								2
49) Cutting at CH2180, 2300, 2500 and 2900				1		4													
50) Construct retaining walls		2							2	2	2	2	1	2	3			1	1
51) Slope protective measures									1	1	1								
52) Reseal/soakaways		1																	
53) Extend existing culvert N560, N511 and N135		2				3	1		2	2	1	1	1	2	2			1	1
54) Filling of embankments at CH2250, 2430, 2650 and 2700			2			4													1
55) Construct new Bridge No. 12																			
56) - Foundation works		1				2			1	1	1	1	1	2					1
57) - Construct substructure																			
58) - Construct superstructure																			
59) Construct new bridge to link Tai Po Tai Wo Road																			
60) - Foundation works		1				2			1	1	1	1	1	2					1
61) - Construct substructure																			
62) - Construct superstructure																			
63) Construct new Bridge No. 13																			
64) - Foundation works		1				2			1	1	1	1	1	2					1
65) - Construct substructure																			
66) - Construct superstructure																			
67) Construct new Bridge No. 15																			
68) - Foundation works		1				2			1	1	1	1	1	2					1
69) - Construct substructure																			
70) - Construct superstructure																			
71) Realign Tai Po Tai Wo Road		1				2			1	1	1	1	1	2			1	1	2
72) Construct noise barriers																			
73) - Foundation works		1				2			1	2	1	1	1	2					1
74) - Install noise barriers																			
75) Roadworks and Traffic signs		1		1		3			1	1	1	1	1	2		1	1	1	2
76) Drainage works		1				2			1	1	1	1	1	2				1	1
77) Traffic diversion and surfacing						3			1	1	1	1	1	2		1	1	1	2
78) Landscaping works		1																	

Activity	Number of Plant to be used in the Activity																		
	Buildozer CNP030	Backhoe CNP081	Loader CNP081	Rock Driller CNP181	Concrete Cutter BSSZ28 TRT C294	Lorry CNP141	Vibrating Hammer BSSZ28 TRT C496	Piling Machine CNP166	Electricity Generator CNP101	Air Compressor CNP003	Lifting Crane CNP048	Bar Bender CNP021	Concrete Pump CNP047	Concrete Lorry Mixer CNP044	Vibrating Poker CNP170	Grader CNP104	Paver CNP004	Compacting Plate CNP050	Compacting Roller CNP186
80 Between Tai Po Tai Wo Road and Hong Lok Yuen Road	1	1	1			4													
81 Site Clearance																			
82 Utility Diversions																			
83 Temporary protective measures for slope cutting																			
84 Cutting at CH300		2																	
85 Extend WSD Flood Arches																			
86 Construct portal to protect existing water tunnel at CH4900																			
87 Foundation works																			
88 - Construct portal																			
89 Filling embankment at CH4900																			
90 Reconstruct ramp at subway B																			
91 Construct dwarf wall at CH5200																			
92 Realign slip road and footpath underneath CH5200																			
93 Construct new Lam Kam Flyover																			
94 - Sheetpiling																			
95 - Foundation works																			
96 - Construct substructure																			
97 - Construct superstructure																			
98 Construct retaining walls at CH4600																			
99 Modification of pipe bridge																			
100 - Install protective measures																			
101 - Sheetpiling																			
102 - Foundation works																			
103 - Construct substructure																			
104 - Construct superstructure																			
105 Construct noise barriers																			
106 - Foundation works																			
107 - Install noise barriers																			
108 Roadworks and Traffic signs																			
109 Drainage works																			
110 Traffic diversion and surfacing																			
111 Landscaping works																			
112																			

Activity	Number of Plant to be used in the Activity																			
	Excavator	Backhoe	Loader	Rock Driller	Concrete Cutter	Lorry	Vibrating Hammer	Power Machine	Electricity Generator	Air Compressor	Lifting Crane	Bar Bender	Concrete Pump	Concrete Lorry Mixer	Vibrating Paver	Grader	Paver	Compacting Plate	Compacting Roller	
	CNP030	CNP081	CNP081	CNP181	C294	CNP141	BSSZ207RBT	CNP166	CNP101	CNP003	CNP048	CNP021	CNP047	CNP044	CNP170	CNP104	CNP004	CNP050	CNP166	
115 Between Hong Lok Yuen Road and Pak Wo Road																				
116 Site clearance	1	2	2			5														
117 Utility diversions		1	1																	
118 River diversion		1	1																	
119 Watermain diversions		1	1																	
120 Relocate rubber dam		1	1																	
121 Extend existing culvert N487, N488, N489, N490 and N491		2	2																	
122 Filling of embankments		1	1																	
123 Realign Tai Wo Wencise Road West		1	1																	
124 Construct retaining wall at CN5500		1	1																	
125 Demolish and rebuild Nui Tau Bridge		1	1																	
126 - Install protective measures		1	1																	
127 - Demolish existing bridge		1	1																	
128 - Sheetpiling		1	1																	
129 - Foundation works		1	1																	
130 - Construct substructure		1	1																	
131 - Construct superstructure		1	1																	
132 Construct Tai Hang Footbridge Extension		1	1																	
133 - Foundation works		1	1																	
134 - Construct substructure		1	1																	
135 - Construct superstructure		1	1																	
136 Provide temporary footbridges at Tai Wo and Nam Wah Po		1	1																	
137 Construct Tai Wo Footbridge Extension		1	1																	
138 - Foundation works		1	1																	
139 - Construct substructure		1	1																	
140 - Construct superstructure		1	1																	
141 Construct Nam Wah Po Footbridge		1	1																	
142 - Foundation works		1	1																	
143 - Construct substructure		1	1																	
144 - Construct superstructure		1	1																	
145 Construct Nam Wah Po Footbridge Extension		1	1																	
146 - Foundation works		1	1																	
147 - Construct substructure		1	1																	
148 - Construct superstructure		1	1																	
149 Construct Kiu Tau Footbridge		1	1																	
150 - Foundation works		1	1																	
151 - Construct substructure		1	1																	
152 - Construct superstructure		1	1																	
153 Construct Ho Ka Yuen Footbridge		1	1																	
154 - Foundation works		1	1																	
155 - Construct substructure		1	1																	
156 - Construct superstructure		1	1																	
157 Demolish existing footbridges		1	1																	
158 - Install protective measures		1	1																	
159 - Demolish existing footbridge		1	1																	
160 Reprovide footpaths and cycletracks		1	1																	
161 Modify road connections		1	1																	
162 Construct noise barriers		1	1																	
163 - Foundation works		1	1																	
164 - Install noise barriers		1	1																	
165 Roadworks and Traffic signs		1	1																	
166 Drainage works		1	1																	
167 Traffic diversion and surfacing		1	1																	
168 Landscaping works		1	1																	