

Annex E

**Unit Costs for Direct Technical
Remedies**

Development of Unit Rates for Noise Mitigation Options

3	<u>Semi Enclosure</u>	<u>Unit Rate (HK\$)</u>
	Drainage in structure	265/m
	Excavation	234/m
	Piling	6,000/m
	Formwork	205/m
	Steel Reinforcement	897/m
	Concrete	428/m
	Structural Steel Support	133,117/m
	"Plexiglass" sheet	50,800/m
	Electrical and Mechanical work, including lighting	3,000/m
		<hr/> 194,946/m
	+15% for Preliminary & General Items	<hr/> 29,242/m
		<hr/> 224,188/m

Development of Unit Rates for Noise Mitigation Options

4	<u>Full Enclosures</u>	<u>Unit Rate (HK\$)</u>
	Drainage in structure	265/m
	Excavation	234/m
	Piling	6,000/m
	Formwork	205/m
	Steel Reinforcement	897/m
	Concrete	428/m
	Structural Steel Support	133,117/m
	"Plexiglass" sheet	50,800/m
	Electrical and Mechanical work, including lighting	3,000/m
	Ventilation system	550/m
		<hr/> 195,496/m
	+15% for Preliminary & General Items	<hr/> 29,324/m
		<hr/> 224,820/m

Development of Unit Rates for Noise Mitigation Options

1	<u>3m high Noise Barriers</u>	<u>Unit Rate (HK\$)</u>
	"Plexiglass" screen	9,900/m
	R C Plinth	2,353/m
	Steelwork	5,481/m
	Structure Steel Support	133,117/m
		<hr/> 150,851/m
	+15% for Preliminary & General Items	<hr/> 22,628/m
		<hr/> 173,479/m

Development of Unit Rates for Noise Mitigation Options

2	<u>5m high Noise Barriers</u>	<u>Unit Rate (HK\$)</u>
	"Plexiglass" screen	17,068/m
	R C Plinth	2,620/m
	Steelwork	9,869/m
	Structure Steel Support	133,117/m
		<hr/> 162,674/m
	+15% for Preliminary & General Items	<hr/> 24,401/m
		<hr/> 187,075/m
