

# **NETWORK OUTCOMES CONTRACT 2019**

## **Volume 2: Schedule of Prices**

SYSTEM MANAGEMENT

3 MARCH 2020

VERSION 3.1

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## **More information**

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## DOCUMENT CHANGE – FORMAT CODES

### Black

Black text is mandatory and may not be changed without approval from the Network Outcomes Contract Model Governance Management Group.

### ~~Black~~

Stricken out black text is used for removing mandatory content that has been prior approved by the Network Outcomes Contract Model Governance Management Group to be removed. Stricken out text provides transparency of changes to an otherwise nationally consistent document. All stricken out text must be confirmed within Section 7 of this Maintenance Specification.

### Red

Red text is used for data which requires fields to be updated or at least considered for each contract. Text can also be used as is, modified or replaced. All red text adjustments must have the Manager System Management's approval.

### Blue

Blue text is used for optional clauses which can be included as is or deleted in full.

### <<Guidance Notes>>

Blue text with yellow highlighting and marked at the beginning with << and the end with >> are guidance notes for the Tender Document creator. Guidance notes must be removed prior to tender document release.

# 1 SCHEDULE OF PRICES – LUMP SUM ITEMS

SCHEDULE OF PRICES – LUMP SUM ITEMS					
ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
<b>1</b>	<b>Preliminary and General</b>				
<b>1.1</b>	<b>Contract Establishment (Non Time-related Costs) Works</b> <i>(The total tendered sum for schedule items 1.1.1 to 1.1.3 must not exceed 2.0% of the Total Tender Sum)</i>				
1.1.1	Facilities Establishment	LS	1		
1.1.2	Contract Plans Establishment	LS	1		
1.1.3	Set Up Costs other than schedule items 1.1.1 and 1.1.2	LS	1		
<b>1.2</b>	<b>Contract Management and Supervision (Time-related Costs)</b>				
1.2.1	Network Management	LS/year	7		
1.2.2	Management and Supervision of Physical Works	LS/year	7		
<b>1.3</b>	<b>Contractor's Facility Running Costs</b>	<b>LS/year</b>	<b>7</b>		
<b>2</b>	<b>Value Management Proposition</b>				
<b>2.1</b>	<b>Value Management</b>	Included in Section 1, Schedule Items 1.2			
<b>3</b>	<b>Contract Management</b>				
<b>3.1</b>	<b>Contract Management</b>	Included in Section 1, Schedule Items 1.2			
<b>4</b>	<b>Contract Plan</b>				
<b>4.1</b>	<b>Contract Plan</b>	Included in Section 1, Schedule Items 1.2			
<b>5</b>	<b>Network Management</b>	Included in Section 1, Schedule Items 1.2			

SCHEDULE OF PRICES – LUMP SUM ITEMS					
ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
<b>6</b>	<b>Physical Works</b>				
<b>6.1</b>	<b>Routine Sealed Pavement Maintenance</b>	LS/year	7		
<b>6.6</b>	<b>Drainage</b>				
6.6.1	Routine Drainage Maintenance	LS/year	7		
<b>6.7</b>	<b>Structures</b>				
6.7.1	Routine Structures Maintenance	LS/year	7		
<b>6.8</b>	<b>Environmental Maintenance</b>				
6.8.1	Routine Environmental Maintenance	LS/year	7		
<b>6.9</b>	<b>Routine Traffic Services</b>				
6.9.1	Routine Traffic Services Maintenance	LS/year	7		
<b>6.10</b>	<b>Operational Traffic Management</b>				
6.10.1	Operational Traffic Management	LS/year	7		
<b>6.11</b>	<b>Pedestrian, Cycle, Motorcycle and Bridle Route Maintenance</b>				
6.11.1	Routine Route Maintenance	LS/year	7		
<b>7</b>	<b>Network Specific Information and Requirements</b>				
<b>7.1</b>	<b>Mobile Variable Message Signs</b>	LS/year	7		
<b>7.2</b>	<b>Unsealed Pavements</b>				
7.2.1	Routine Unsealed Pavement Maintenance	LS/year	7		
<b>7.3</b>	<b>Fire Risk Controls</b>	<b>Included in Section 1, Schedule Items 6.8.1</b>			
<b>7.5</b>	<b>Office Accommodation</b>	<b>Included in Section 1, Schedule Items 1.3</b>			
<b>7.7</b>	<b>Streetlighting Energy Conciliations</b>	LS/year	7		
<b>7.8</b>	<b>Traffic Signal Maintenance Delegation</b>	Included in Section 1, Schedule Items 6.9.1			
<b>7.9</b>	<b>Traffic Signal Maintenance</b>				

SCHEDULE OF PRICES – LUMP SUM ITEMS					
ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
7.9.1	<b>Preventive Maintenance</b>	Included in Section 1, Schedule Items 6.9.1			
<b>7.10</b>	<b>Enhanced Incident Management</b>				
7.10.1	Incident Response	LS/year	7		
7.10.2	Automatic Vehicle Location System	Included in Section 1, Schedule Items 1.2			
7.10.3	Transport Operations Centre	Included in Section 1, Schedule Items 1.2			
7.10.4	Incident Response Co-ordination	Included in Section 1, Schedule Items 1.2			
<b>7.12</b>	<b>Road Condition Information Signage</b>	Included in Section 1, Schedule Items 6.10.1			
<b>7.13</b>	<b>Traffic Management: Regional Specific Activities</b>				
7.13.1	Traffic Congestion	LS/year	7		
<b>7.17</b>	<b>Vegetation Type 8 Management</b>	Included in Section 1, Schedule Items 6.8.1			
<b>7.18</b>	<b>Incident Recovery Plan</b>	Included in Section 1, Schedule Items 6.10.1			
<b>7.19</b>	<b>Other</b>				
TBC	TBC	TBC	TBC		
<b>8</b>	<b>Local Roads</b>				
TBC	TBC	TBC	TBC		
<b>9</b>	<b>Tunnels</b>				
9.1	<b>Tunnels Specific Operations and Management</b>	LS/year	7		
<b>10</b>	<b>Unscheduled Works</b>	No lump sum items within this Section			

<b>Section 1: Total Tender Sum – Lump Sum Items</b>					\$
(Transfer to Tender Summary)					

## 2 SCHEDULE OF PRICES – MEASURE & VALUE ITEMS

### 2.1 CoPTTM Level 1 Measure and Value Items

COPTTM LEVEL 1 MEASURE & VALUE ITEMS					
ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
1	<b>Preliminary and General</b>	No measure and value items within this Section			
2	<b>Value Management Proposition</b>				
2.2	<b>KRA Reward</b>	PS	1	\$1,400,000 <<xx% of contract value>>	\$1,400,000
2.3	<b>Asset Growth</b> <i>(Provisional Items)</i>				
2.3.1	Street Light	ea.years	TBC		
2.3.2	Guardrail	m.years	TBC		
2.3.3	Sealed pavement	m <sup>2</sup> .years	TBC		
2.3.4	Horizontal/Subsoil Drain	m.years	TBC		
2.3.5	Vegetation - Type 7 Control	m <sup>2</sup> .years	TBC		
2.3.6	Sign (sign face <2.025m <sup>2</sup> )	ea.years	TBC		
2.3.7	Sign (sign face >2.025m <sup>2</sup> )	ea.years	TBC		
2.3.8	Culvert	ea.years	TBC		
2.3.9	Lined Water Channel	m.years	TBC		
2.3.10	Wire Rope Barrier	m.years	TBC		
2.3.11	Minor Structure/Underpass	ea.years	TBC		
2.4	<b>Principal Risk Non-Routine Maintenance Treatments</b> <i>(Provisional items)</i>				
2.4.1	Pavement Digout Repairs				



COPTTM LEVEL 1 MEASURE & VALUE ITEMS					
ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
2.4.1.1	Patch area up to 20m <sup>2</sup>	m <sup>2</sup>	TBC		
2.4.1.2	Patch area between 20m <sup>2</sup> and up to 50m <sup>2</sup>	m <sup>2</sup>	TBC		
2.4.1.3	Patch area greater than 50m <sup>2</sup>	m <sup>2</sup>	TBC		
2.4.2	Pavement Stabilisation Repairs				
2.4.2.1	Patch area up to 20m <sup>2</sup>	m <sup>2</sup>	TBC		
2.4.2.2	Patch area between 20m <sup>2</sup> and up to 50m <sup>2</sup>	m <sup>2</sup>	TBC		
2.4.2.3	Patch area greater than 50m <sup>2</sup>	m <sup>2</sup>	TBC		
2.4.3	Rip and Remake				
2.4.3.1	Chip Sealed Surface	m <sup>2</sup>	TBC		
2.4.3.2	AC Surface	m <sup>2</sup>	TBC		
2.4.4	Premix Reshaping				
2.4.4.1	Chip Sealed Surface	m <sup>2</sup>	TBC		
2.4.4.2	AC Surface	m <sup>2</sup>	TBC		
2.4.5	Cold Mill and Inlay				
2.4.5.1	0 – 40mm Depth	m <sup>2</sup>	TBC		
2.4.5.2	41 – 65mm Depth	m <sup>2</sup>	TBC		
2.4.5.3	66 – 100mm Depth	m <sup>2</sup>	TBC		
2.4.6	Crack Sealing	m <sup>2</sup>	TBC		
2.4.7	Crack Filling	m	TBC		
2.4.8	Scabbing and Stripping	m <sup>2</sup>	TBC		
2.4.9	Watercutting	m <sup>2</sup>	TBC		
2.4.10	Slurry Rut Filling	t	TBC		
2.4.11	W-Section Barrier Guardrail	m	TBC		
2.4.12	Terminal Entry/Ends for W-Section Barrier	ea	TBC		

COPTTM LEVEL 1 MEASURE & VALUE ITEMS					
ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
2.4.13	Wire Rope Barrier	m	TBC		
2.4.14	Service Cover Adjustments	ea	TBC		
2.4.15	Hot Chipping	m <sup>2</sup>	TBC		
2.4.16	Geotextile Seal Repairs	m <sup>2</sup>	TBC		
2.4.17	375mm RCRRJ Culvert installation, including bedding (Provisional Item)	M	TBC		
2.4.18	375mm Traversable Culvert End installation, including bedding (Provisional Item)	Ea	TBC		
2.4.19	Renew or Upgrade Lined Water Channels	PS	1	\$50,000	\$50,000
<b>3</b>	<b>Contract Management</b>				
3.1.1	LRMS Updates	PS	1	\$10,000	\$10,000
3.1.2	Geospatial information	PS	1	\$10,000	\$10,000
3.1.3	Unscheduled Inspections	PS	1	\$20,000	\$20,000
<b>4</b>	<b>Contract Plan</b>	No measure and value items within this Section			
<b>5</b>	<b>Network Management</b>				
<b>5.1</b>	<b>Network Management</b>	No measure and value items within this Section			
<b>5.2</b>	<b>Asset Information Management</b>				
5.2.1	Implementation of Data Improvement Plan	PS	1	\$50,000	\$50,000
5.2.2	RAMM Updating for Other Projects	PS	1	\$20,000	\$20,000

COPTTM LEVEL 1 MEASURE & VALUE ITEMS					
ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
<b>5.3</b>	<b>Renewal Programming and Design</b>				
5.3.1	Pavement Rehabilitation Site Investigation	m <sup>2</sup>	TBC		
5.3.2	Pavement Rehabilitation Design Report	ea	TBC		
<b>5.4</b>	<b>Planning Management</b>				
5.4.1	Attendance at Regional Planning Forums	PS	1	\$5,000	\$5,000
5.4.2	Planning Assessment Reports for 3rd Party Developments	PS	1	\$50,000	\$50,000
<b>5.5</b>	<b>Road Safety Management</b>				
5.5.1	Regional Road Safety Strategy Updates	PS	1	\$30,000	\$30,000
5.5.2	Proactive Minor Road Safety Initiatives	PS	1	\$700,000	\$700,000
5.5.3	Treatment of Small Customer Road Safety Related Issues	PS	1	\$350,000	\$350,000
5.5.4	Reporting				
5.5.4.1	Death and Serious Injury Crash Reports	ea	TBC		
5.5.4.2	Road Safety Reports	PS	1	\$50,000	\$50,000
5.5.5.4.3	Update KiwiRAP	PS	1	\$5,000	\$5,000
5.5.5	Road Safety Meetings, Forums, Workshops and Studies				
5.5.5.1	Crash Reduction Studies and Road Safety Audits	PS	1	\$10,000	\$10,000
<b>5.6</b>	<b>Geotechnical Management</b>				
5.6.1	Geotechnical Assessment Reporting (Preliminary and Detailed)	PS	1	\$400,000	\$400,000

COPTTM LEVEL 1 MEASURE & VALUE ITEMS					
ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
<b>6</b>	<b>Physical Works</b>				
<b>6.2</b>	<b>Pavement Rehabilitation</b> <i>(Sum transferred from Pavement Rehabilitation Schedule 4)</i>	LS	1		
<b>6.3</b>	<b>Pavement Rehabilitation Modifications</b>				
6.3.1	Base Pavement Rehabilitation No.1 – <b>Basecourse Overlay</b>				
6.3.1.1	25mm adjustments of basecourse overlay (adjustment to Schedule item 6.2.1.1)	m <sup>2</sup>	TBC		
6.3.1.2	Cement/Lime stabilisation (2%) to 150mm (adjustment to Schedule item 6.2.1.1)	m <sup>2</sup>	TBC		
6.3.1.3	25mm adjustments of cement/lime stabilisation (2%) (adjustment to Schedule item 6.3.1.2)	m <sup>2</sup>	TBC		
6.3.2	Base Pavement Rehabilitation No.2 – In-situ <b>Stabilisation - Inlay</b>				
6.3.2.1	25mm adjustments of make up metal (adjustment to Schedule item 6.2.1.2)	m <sup>2</sup>	TBC		
6.3.2.2	25mm adjustments of cement/lime stabilisation (2%) (adjustment to Schedule item 6.2.1.2)	m <sup>2</sup>	TBC		
6.3.3	Base Pavement Rehabilitation No.3 – <b>Granular Replacement</b>				

COPTTM LEVEL 1 MEASURE & VALUE ITEMS					
ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
6.3.3.1	25mm adjustments of basecourse removal (adjustment to Schedule item 6.2.1.3)	m <sup>2</sup>	TBC		
6.3.3.2	25mm adjustments of basecourse replacement (adjustment to Schedule item 6.2.1.3)	m <sup>2</sup>	TBC		
6.3.3.3	Cement stabilisation (2%) to 150mm (extra over-rate for Schedule item 6.2.1.3)	m <sup>2</sup>	TBC		
6.3.3.4	25mm adjustments of cement stabilisation (2%) (adjustment to Schedule item 6.3.3.3)	m <sup>2</sup>	TBC		
6.3.4	Base Pavement Rehabilitation No.4 – Structural Asphaltic Concrete				
6.3.4.1	20mm adjustment of pavement removal (adjustment to Schedule item 6.2.1.2)	m <sup>2</sup>	TBC		
6.3.4.1	20mm adjustments of Mix 20 replacement (adjustment to Schedule item 6.2.1.2)	m <sup>2</sup>	TBC		
6.3.5	Shape Irregularity Correction and Shoulder Treatment				
6.3.5.1	Transport Agency M/4 Basecourse	m <sup>3</sup>	TBC		
6.3.5.2	AP65 Sub-basecourse	m <sup>3</sup>	TBC		
6.3.5.3	Solid Fill	m <sup>3</sup>	TBC		
6.3.5.4	Cut to Fill	m <sup>3</sup>	TBC		
6.3.5.5	Cut to Waste	m <sup>3</sup>	TBC		
6.4	<b>Sealed Road Resurfacing</b> (Sum transferred from Resurfacing Schedule 5)	LS	1		

COPTTM LEVEL 1 MEASURE & VALUE ITEMS					
ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
<b>6.5</b>	<b>Resurfacing Modifications</b>				
6.5.1	Chip Seal				
6.5.1.1	Extra over-rate for polymer modified seal, single coat (extra over-rate to Schedule items 6.4.1.1 to 6.4.1.5)	m <sup>2</sup>	TBC		
6.5.1.2	Extra over-rate for polymer modified seal, two coat (extra over-rate to Schedule items 6.4.1.6 to 6.4.1.9)	m <sup>2</sup>	TBC		
6.5.1.3	Extra over-rate for exceeding 0.45 ESC after a minimum of 24 months from construction (extra over-rate to Schedule items 6.4.1.1 to 6.4.1.9)	m <sup>2</sup>	TBC		
6.5.1.4	Extra over-rate for exceeding 0.5 ESC after a minimum of 24 months from construction (extra over-rate to Schedule items 6.4.1.1 to 6.4.1.9)	m <sup>2</sup>	TBC		
6.5.1.5	Extra over-rate for Geotextile (extra over-rate to Schedule items 6.4.1.5 to 6.4.1.8)	m <sup>2</sup>	TBC		
6.5.1.6	Texturising pre-treatment	m <sup>2</sup>	TBC		
6.5.2	Asphaltic Concrete				
6.5.2.1	Extra over-rate for exceeding 0.45 ESC after a minimum of 24 months from construction (extra over-rate to Schedule items 6.4.2.1 to 6.4.2.5)	m <sup>2</sup>	TBC		
6.5.2.2	Extra over-rate for exceeding 0.5 ESC after a minimum of 24 months from construction (extra over-rate to Schedule items 6.4.2.1 to 6.4.2.5)	m <sup>2</sup>	TBC		

COPTTM LEVEL 1 MEASURE & VALUE ITEMS					
ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
6.5.2.3	Milling up to 50mm (extra over-rate to Schedule items 6.4.2.1 to 6.4.2.5)	m <sup>2</sup>	TBC		
6.5.2.4	Pre-levelling (extra over-rate to Schedule items 6.4.2.1 to 6.4.2.5)	m <sup>2</sup>	TBC		
6.5.2.5	Membrane seal (extra over-rate to Schedule items 6.4.2.1 to 6.4.2.5)	t	TBC		
6.5.2.6	Extra over-rate for polymer modified asphaltic concrete	m <sup>2</sup>	TBC		
6.5.3	Transport Agency T/10 Skid Resistance Resurfacing	PS	1	\$1,000,000	\$1,000,000
6.5.3.1	Extra over-rate for small site productivity (extra over-rate to Schedule items 6.4.1.1 to 6.4.1.9) (Provisional Item)	m <sup>2</sup>	TBC		
<b>6.6</b>	<b>Drainage</b>				
6.6.2	Planned Drainage Renewals				
6.6.2.1	High Lip Removal	edgeline.m	TBC		
6.6.2.2	Reform Unlined Water Channels	edgeline.m	TBC		
6.6.2.3	Clear and Regrade Side Drains	m	TBC		
6.6.2.4	Supply and install subsoil drain	m	TBC		
6.6.3	Other Drainage Asset Renewals				
6.6.3.1	Renew or Upgrade Culverts	PS	1	\$50,000	\$50,000
<b>6.7</b>	<b>Structures</b>				
6.7.2	Repair Noise Walls and Debris Fences	PS	1	\$10,000	\$10,000
6.7.3	Debris Catch Fence Cleaning	m <sup>3</sup>	TBC		

COPTTM LEVEL 1 MEASURE & VALUE ITEMS					
ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
<b>6.8</b>	<b>Environmental Maintenance</b>				
6.8.2	Winter Services Management	month	TBC		
6.8.3	Winter Event Patrols	Hr	TBC		
6.8.4	Winter Maintenance Activities – Plant				
6.8.4.1	Snow Clearance - Type 1 Plant Intervention	Hr	TBC		
6.8.4.2	Snow Clearance - Type 2 Plant Intervention	Hr	TBC		
6.8.4.3	Snow Clearance - Type 3 Plant Intervention	Hr	TBC		
6.8.4.4	Gritting Application - Type 4 Plant Intervention	Hr	TBC		
6.8.4.5	Gritting Removal - Type 5 Plant Intervention	Hr	TBC		
6.8.4.6	CMA Application - Type 6 or 7 Plant Intervention	Hr	TBC		
6.8.5	Winter Maintenance Activities – Materials				
6.8.5.1	Supply Grit	m <sup>3</sup>	TBC		
6.8.5.2	CMA Storage	t.month	TBC		
6.8.5.3	CMA Mixing	T	TBC		
6.8.5.4	CMA Bulk Liquid Transfer	Hr	TBC		
6.8.6	Vegetation Control Activities				
6.8.6.1	Type 4 Vegetation Control	Edgeline.km	TBC		
6.8.7	Replace Rest Area Furniture	PS	1	\$10,000	\$10,000
6.8.8	NO2 Sample Collection Services	month	84		
<b>6.9</b>	<b>Traffic Services</b>				



COPTTM LEVEL 1 MEASURE & VALUE ITEMS					
ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
6.9.2	Transport Agency P/22 Pavement Marking Standard Remark (180 micron)  <i>(Sum transferred from P/22 Pavement Marking Standard Remark Schedule 6 into rate column)</i>	LS	1		
6.9.3	Pavement Marking (220 micron) (Extra over-rate for Schedule items 6.9.2.)	cl.km	TBC		
6.9.4	Pavement Marking (300 micron) (Extra over-rate for Schedule items 6.9.2.)	cl.km	TBC		
6.9.5	Non-Routine and Urgent Marking				
6.9.5.1	Non-Routine Marking	PS	1	\$50,000	\$50,000
6.9.5.2	Establishment	km	TBC		
6.9.6	High Performance Road Marking	PS	1	\$35,000	\$35,000
6.9.7	Audio Tactile Profiled Road Marking  (Provisional Items)				
6.9.7.1	Remove existing ATP	M	TBC		
6.9.7.2	150mm Edgeline	M	TBC		
6.9.7.3	150mm Centreline	M	TBC		
6.9.7.4	150mm Continuous Centreline	M	TBC		
6.9.7.5	200mm Centreline	M	TBC		
6.9.7.6	200mm Continuous Centreline	M	TBC		
6.9.8	Replace or Repair Electronic Warning Signs	PS	1	\$50,000	\$50,000
6.9.9	Renewal of Street Lights	PS	1	\$30,000	\$30,000
<b>6.10</b>	<b>Operational Traffic Management</b>	No measure and value items within this Section			

COPTTM LEVEL 1 MEASURE & VALUE ITEMS					
ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
6.11	<b>Pedestrian, Cycle, Motorcycle and Bridle Route Maintenance</b>				
6.11.3	Accessway Sealing	PS	1	\$50,000	\$50,000
<b>7</b>	<b>Network Specific Information and Requirements</b>				
7.1	<b>Mobile Variable Message Signs</b>	No measure and value items within this Section			
7.2	<b>Unsealed Pavements</b>				
7.2.2	Unsealed Basecourse Renewal	m <sup>3</sup>	TBC		
7.2.3	Wearing Course Renewals	m <sup>3</sup>	TBC		
7.3	<b>Fire Risk Controls</b>	No measure and value items within this Section			
7.4	<b>Slurry Rut Filling</b>	Included within Schedule Item 2.4.10			
7.6	<b>Post Winter Pavement Marking</b>	Paid using schedule items 6.9.2			
7.8	<b>Traffic Signal Maintenance Delegation</b>	Paid using schedule items 6.9.1			
7.9	<b>Traffic Signal Maintenance</b>				
7.9.2	Repairs and Emergency Maintenance	PS	1	\$50,000	\$50,000
7.11	<b>Unmanned Aerial Vehicle</b>	Included within schedule items 10.1			
7.12	<b>Road Condition Information Signage</b>	No measure and value items within this Section			
7.13	<b>Traffic Management: Regional Specific Activities</b>				
7.13.2	Passing Lane Closures	day	TBC		
7.13.3	Police Checkpoint Assistance	day	TBC		

COPTTM LEVEL 1 MEASURE & VALUE ITEMS					
ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
7.14	Type 5 Vegetation Control – Moss and Lichen Removal from Sealed Surfaces	PS	1	\$5,000	\$5,000
7.15	Sealing Chip Broken Faces	Included within schedule items 6.4			
7.16	High-lip Spray Programme	edgeline.km	TBC		
7.18	Incident Recovery Plan	No measure and value items within this Section			
7.19	Other				
8	Local Roads				
TBC	TBC	TBC	TBC		
9	Tunnels				
9.2	<<Name>> Tunnel Maintenance				
9.2.1	<<Name>> Tunnel Traffic Management for Tunnel Closure	ea	TBC		
9.2.2	<<Name>> Tunnel Maintenance	month	TBC		
9.2.3	<<Name>> Tunnel Cleaning	Cl.km	TBC		
9.3	Ancillary Minor Tunnel Maintenance	PS	1	\$150,000	\$150,000
10	Unscheduled Works (Provisional Items)				
10.1	Plant and Equipment				
10.1.1	Excavator, 15-20t	hr	TBC		
10.1.2	Loader, 0-3m <sup>3</sup>	hr	TBC		
10.1.3	Truck, 0-5m <sup>3</sup>	hr	TBC		

COPTTM LEVEL 1 MEASURE & VALUE ITEMS					
ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
10.1.4	Truck, 5.1-8m <sup>3</sup>	hr	TBC		
10.1.5	Truck Trailer	hr	TBC		
10.1.6	Grader, 60-120kW	hr	TBC		
10.1.7	Roller, 5.1-10t	hr	TBC		
10.1.8	Tractor Broom	hr	TBC		
10.1.9	Suction Sweeper	hr	TBC		
10.1.10	Bitumen Distributor, 0-1,000l	hr	TBC		
10.1.11	Water Cart	hr	TBC		
10.1.12	Heavy Plant Transporter	hr	TBC		
10.1.13	Light Truck, 2-4t	hr	TBC		
10.1.14	Compressor, 150l/sec	hr	TBC		
10.1.15	Suction Truck	hr	TBC		
10.1.16	TTM Truck	hr	TBC		
10.1.17	Attenuator	hr	TBC		
10.1.18	Temporary Traffic Signals	day	TBC		
10.1.18	Advanced Warning VMS Vehicle	hr	TBC		
10.1.19	Mobile VMS	day	TBC		
10.1.20	Ute	hr	TBC		
10.1.21	Type A Paint Applicator	hr	TBC		
10.1.22	Type B Paint Applicator	hr	TBC		
10.1.23	Ute	hr	TBC		
10.1.24	Light Trailer	hr	TBC		
10.1.25	Light Tandem Trailer	hr	TBC		
10.1.26	Genset	hr	TBC		
10.1.27	Concrete Vibrator	hr	TBC		

COPTTM LEVEL 1 MEASURE & VALUE ITEMS					
ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
10.1.28	Pump	hr	TBC		
10.1.29	Concrete Breaker	hr	TBC		
10.1.30	Site Toilet	hr	TBC		
10.1.31	Scissor Lift (12m nominal working height, min 2m platform)	hr	TBC		
10.1.32	Unmanned Aerial Vehicle	day			
<b>10.2</b>	<b>Materials</b>				
10.2.1	Materials	PS	1	\$500,000	\$500,000
10.2.2	Contractor's On-cost to Materials  <i>(The tendered rate must be expressed as a decimal and rounded to two places. The quantity is in dollars (\$))</i>	%	\$500,000		
<b>10.3</b>	<b>Labour</b>				
10.3.1	Intermediate Project Manager	hr	TBC		
10.3.2	Intermediate Pavement and Surfacing Designer	hr	TBC		
10.3.3	Intermediate Geotechnical Engineer	hr	TBC		
10.3.4	Intermediate Road Safety Engineer	hr	TBC		
10.3.5	Intermediate Land Use Planner	hr	TBC		
10.3.6	Intermediate Bridge and Structures Inspector	hr	TBC		
10.3.7	Intermediate Network Inspector	hr	TBC		
10.3.8	Intermediate Asset Information Technician	hr	TBC		
10.3.9	Foreman	hr	TBC		

COPTTM LEVEL 1 MEASURE & VALUE ITEMS					
ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
10.3.10	Labourer	hr	TBC		
10.3.11	Tunnel Coordinator	hr	TBC		
10.3.12	Intermediate Electrical Engineer	hr	TBC		
10.3.13	Intermediate Fire Engineer	hr	TBC		
10.3.14	Intermediate Tunnel Ventilation Engineer	hr	TBC		
	<<regions to add others>>				
<b>10.4</b>	<b>Variation Overheads</b>				
10.4.1	On-Site Overheads	%	\$200,000		
10.4.2	Off-Site Overheads and Profit	%	\$200,000		
<b>10.5</b>	<b>Cost Fluctuations</b>	PS	1	\$1,000,000	\$1,000,000

## 2.2 COPTTM Level 2 Measure and Value Items

<<duplicate Schedule of Prices Table from 2.1 if CoPTTM Level 2 applies>>

## 2.3 CoPTTM Level 3 Measure and Value Items

<<duplicate Schedule of Prices Table from 2.1 if CoPTTM Level 3 applies>>



### 3 TENDER SUMMARY

SECTION	DESCRIPTION	AMOUNT
1	<b>Lump Sum Items</b> (from Section 1)	
2	<b>Measure and Value Items</b>	
2.1	<b>CoPTTM Level 1</b> (from Section 2.1)	
2.2	<b>CoPTTM Level 2</b> (from Section 2.2)	
2.3	<b>CoPTTM Level 3</b> (from Section 2.3)	
<b>Total Tender Sum (all Sections)</b>		
Transfer to Tender Form		

Tenderer's Signature:

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Tenderer's Name:

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Tenderer's Name:

---

Contact Person:

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Contact Person's Position:

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Contact Phone:

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Contact Fax:

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## 4 PAVEMENT REHABILITATION SCHEDULE

Tenderers must complete the Pavement Rehabilitation Schedule and transfer the Total to the amount column of Section 2, Schedule Item 6.2.

The rates tendered in this Schedule will be used to value all work completed under Schedule Item 6.2.

To complete this Schedule, tenderers must:

- a) For each item, enter their tendered rate and determine the amount by multiplying the quantity by the tendered rate
- b) Sum all amounts to determine the total value and transfer this value to the rate column of Section 2, Schedule Item 6.2.

PAVEMENT REHABILITATION SCHEDULE					
ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
6.2.1	Base Pavement Rehabilitations				
6.2.1.1	No.1 – Basecourse Overlay	m <sup>2</sup>	TBC		
6.2.1.2	No.2 – In-Situ Stabilisation	m <sup>2</sup>	TBC		
6.2.1.3	No.3 – Granular Replacement	m <sup>2</sup>	TBC		
6.2.1.4	No.4 – Structural Asphaltic Concrete	m <sup>2</sup>	TBC		
6.2.2	Traffic Control	Included in tendered rates			
<b>Total Amount</b> (transfer to Section 2, Schedule Item 6.2)				<b>\$</b>	

Note: the total quantities shown above equal the total base preservation renewal quantities for the Contract Period ([7] years).

## 5 RESURFACING SCHEDULE

Tenderers must complete the Resurfacing Schedule and transfer the Total to the amount column of Section 2, Schedule Item 6.4.

The rates tendered in this Schedule will be used to value all work completed under Schedule Item 6.4.

To complete this Schedule, tenderers must:

- a) For each item, enter their tendered rate and determine the amount by multiplying the quantity by the tendered rate
- b) Sum all amounts to determine the total value and transfer this value to the rate column of Section 2, Schedule Item 6.4.

RESURFACING SCHEDULE					
ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
6.4.1	Chip Seal (Exceeding ESC 0.4 after a minimum of 24 months from construction)				
6.4.1.1	Grade 2	m <sup>2</sup>	TBC		
6.4.1.2	Grade 3	m <sup>2</sup>	TBC		
6.4.1.3	Grade 4	m <sup>2</sup>	TBC		
6.4.1.4	Grade 5	m <sup>2</sup>	TBC		
6.4.1.5	Grade 6	m <sup>2</sup>	TBC		
6.4.1.6	Two Coat Grade 2 and Grade 4	m <sup>2</sup>	TBC		
6.4.1.7	Two Coat Grade 3 and Grade 5	m <sup>2</sup>	TBC		
6.4.1.8	Two Coat Grade 4 and Grade 6	m <sup>2</sup>	TBC		
6.4.1.9	Racked in Grade 2 and Grade 4	m <sup>2</sup>	TBC		
6.4.1.10	Racked in Grade 3 and Grade 5	m <sup>2</sup>	TBC		
6.4.1.11	Grade 2 and Grade 4 Sandwich	m <sup>2</sup>	TBC		
6.4.1.12	Combination Seal - Grade 2 and Grade 4	m <sup>2</sup>	TBC		
6.4.1.13	Combination Seal - Grade 3 and Grade 5	m <sup>2</sup>	TBC		

RESURFACING SCHEDULE					
ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
6.4.1.14	Dry Lock Grade 2	m <sup>2</sup>	TBC		
6.4.1.15	Dry Lock Grade 3	m <sup>2</sup>	TBC		
6.4.1.16	Three Coat Seal Grade 2, Grade 4 and Grade 6	m <sup>2</sup>	TBC		
	<<Add other treatments if required>>	TBC	TBC		
6.4.2	Asphaltic Concrete (Exceeding ESC 0.4 after a minimum of 24 months from construction).				
6.4.2.1	Mix 10 Nominal thickness [[35]]mm <<note thickness must not exceed 40mm>>	m <sup>2</sup>	TBC		
6.4.2.2	SMA Nominal thickness [[35]]mm <<note thickness must not exceed 40mm>>	m <sup>2</sup>	TBC		
6.4.2.3	Mix 14 Nominal thickness [[35]]mm <<note thickness must not exceed 40mm>>	m <sup>2</sup>	TBC		
6.4.2.4	OGPA Nominal thickness [[35]]mm <<note thickness must not exceed 40mm>>	m <sup>2</sup>	TBC		
6.4.2.5	Slurry	m <sup>2</sup>	TBC		
	<<Add other treatments if required>>	TBC	TBC		
6.4.3	Traffic Control				
6.4.3.1	Level 1	Included in tendered rates			
6.4.3.2	Level 2 (extra over-rate to Schedule item 6.4.3.1)	m <sup>2</sup>	TBC		
6.4.3.3	Level 3 (extra over-rate to Schedule item 6.4.3.1)	m <sup>2</sup>	TBC		
<b>Total Amount</b> (transfer to Section 2, Schedule Item 6.4)				\$	

Notes: the total quantities shown above equal the total base preservation renewal quantities for the Contract Period ([[7]]) years).

## 6 P/22 PAVEMENT MARKING STANDARD REMARK SCHEDULE

Tenderers must complete the P/22 Standard Remark Schedule and transfer the Total to the rate column of Section 2, Schedule Item 6.9.2.

The rates tendered in this Schedule will be used to value all work completed under Schedule Item 6.9.2.

To complete this Schedule, tenderers must:

- a) For each item, enter their tendered rate and determine the amount by multiplying the quantity by the tendered rate
- b) Sum all amounts to determine the total value and transfer this value to the rate column of Section 2, Schedule Item 6.9.2.

P/22 PAVEMENT MARKING STANDARD REMARK SCHEDULE					
ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	<b>White Continuous (180 micron)</b>				
6.9.2.1	75mm	km	TBC		
6.9.2.2	100mm	km	TBC		
6.9.2.3	150mm	km	TBC		
6.9.2.4	200mm	km	TBC		
6.9.2.5	300mm	km	TBC		
6.9.2.6	400mm	km	TBC		
6.9.2.7	450mm	km	TBC		
6.9.2.8	600mm	km	TBC		
6.9.2.9	900mm	km	TBC		
6.9.2.10	1000mm	km	TBC		
	<b>White Intermittent (180 micron)</b>				
6.9.2.11	100mm, 3m line, 7m gap	km	TBC		
6.9.2.12	150mm, 1m line, 3m gap	km	TBC		
6.9.2.13	150mm, 1m line, 5m gap	km	TBC		
6.9.2.14	200mm, 1m line, 5m gap	km	TBC		
	<b>Yellow Continuous (180 micron)</b>				

P/22 PAVEMENT MARKING STANDARD REMARK SCHEDULE					
ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
6.9.2.15	100mm	km	TBC		
6.9.2.16	150mm	km	TBC		
6.9.2.17	200mm	km	TBC		
6.9.2.18	300mm	km	TBC		
6.9.2.19	600mm	km	TBC		
6.9.2.20	450mm	km	TBC		
6.9.2.21	900mm	km	TBC		
6.9.2.21	1200mm	km	TBC		
	<b>Yellow Intermittent (180 micron)</b>				
6.9.2.22	No Stopping 1m line, 1m gap	km	TBC		
6.9.2.23	No Stopping 1m line, 2m gap	km	TBC		
	<b>Miscellaneous Markings (180 micron)</b>				
6.9.2.24	Stop (word)	ea	TBC		
6.9.2.25	Give Way (word)	ea	TBC		
6.9.2.26	500mm High Lettering	ea	TBC		
6.9.2.27	1.2m High Lettering	ea	TBC		
6.9.2.28	2.4m High Lettering	ea	TBC		
6.9.2.29	3.6m High Lettering	ea	TBC		
6.9.2.30	Disabled Symbol	ea	TBC		
6.9.2.31	Cyclist Symbol	ea	TBC		
6.9.2.32	Hydrant	ea	TBC		
6.9.2.33	Pedestrian Crossing Diamond	ea	TBC		
6.9.2.34	Straight Arrow	ea	TBC		
6.9.2.35	Turn Arrow	ea	TBC		
6.9.2.36	Double Arrow	ea	TBC		
	<<Add other line types if required>>				

P/22 PAVEMENT MARKING STANDARD REMARK SCHEDULE					
ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
6.9.3	Traffic Control				
6.9.3.1	Level 1	Included in tendered rates			
6.9.3.2	Level 2 (extra over-rate to Schedule item 6.14.2.1)	day	TBC		
6.9.3.3	Level 3 (extra over-rate to Schedule item 6.14.2.1)	day	TBC		
<b>Total Amount</b> ( <i>transfer to Section 2, Schedule Item 6.9.2</i> )				\$	

Notes: the total quantities shown above equal the total base preservation renewal quantities for the Contract Period ([[7]]) years).

## 7 IMPORTANT NOTE FOR TENDERERS ABOUT QUANTITIES

Tenderers must note Volume 1: Conditions of Contract, Section 2.3.2.