



ROYAL OAK ROUNDABOUT - OPTION 1 (AC Speed Table)

Contract No
Contract Name
Contractor

Tender SoP

Item	Description	Unit	Quantity	Rate	Amount
1A	PRELIMINARY AND GENERAL				36,300.00
1.1	Site Establishment	LS			15,000.00
1.2	Site Disestablishment and Clean Up	LS			5,000.00
1.3	Preparation of all Management Plans	LS			1,000.00
1.4	Notice of Works Sign Boards	each			1,250.00
1.5	Variable Message Signs	day			7,500.00
1.6	Bond and Insurance	LS			1,000.00
1.7	Letter of Notification	LS			250.00
1.8	As Built Plans	LS			2,500.00
1.9	Submit RAMM Information	LS			500.00
1.10	Service Utility Liaison and Coordination	LS			800.00
1.11	Quality Assurance	LS			500.00
1.12	Erosion and Sediment Control	LS			1,000.00
1B	NOTE: ON-SITE OVERHEADS - VARIABLE COSTS(Time related) are provided for under item T2 below as a % with its \$amount extended into the Tender Price. Refer to item T2 in the Basis of Payment for minimum item inclusions.				
3	TOTAL TRAFFIC MANAGEMENT				57,000.00
3.1	Implementation of Traffic Management Plans	LS			57,000.00
8	STREET DRAINAGE				5,100.00
8.14	Supply and Install New Chequer Plate	m			5,100.00
10	PAVEMENT CONSTRUCTION				49,400.00
10.5	Speed Table: <input type="checkbox"/> Asphaltic Concrete	m ²			49,400.00
11	SERVICES				1,800.00
11.1	Service Cover Adjustments <input type="checkbox"/> Fire Hydrants, Valves, Tobys, Survey Boxes and Water Meters	each			1,800.00
12	KERB AND CHANNEL AND CONCRETE WORK				63,750.00
12.1	Remove Existing Kerb and/or Channel: <input type="checkbox"/> Kerb Only	m			600.00
12.2	Supply and Install New Kerb and/or Channel in Existing Pavement: <input type="checkbox"/> ATCOP Precast (Type 1)	m			3,250.00
12.4	Remove Existing Traffic Island: <input type="checkbox"/> Mortared to Road Surface	m ²			5,940.00
12.5	Mountable Kerb for Traffic Islands	m			23,000.00
12.6	Island Infill (incl. excavation of existing carriageway): <input type="checkbox"/> 150mm (Nominal Depth) 20MPa McCallums Concrete with Red Chip Exposed Aggregate Finish	m ²			20,160.00
12.7	Roundabout Construction (incl. excavation of existing carriageway): <input type="checkbox"/> Apron infill with mesh	m ²			10,800.00
13	ROAD PAVEMENT SURFACING				59,400.00
13.2	Milling of Existing Carriageway	m ²			16,200.00
13.3	Asphaltic Concrete Surfacing	m ²			43,200.00
14	ROADMARKING				21,201.00
14.2	Lane Lines: <input type="checkbox"/> White - 100mm, Continuous	m			936.00
14.3	Continuity Lines: <input type="checkbox"/> White - 100mm to 200mm, 1m Stripe, 3m Gap	m			55.00
14.4	Edge Lines: <input type="checkbox"/> White - 100mm, Continuous	m			175.00
14.7	Diagonal Bars (Median, Cycle Way, Traffic Island, Shoulder, Flush Traffic <input type="checkbox"/> White (T) - 600mm	m			875.00
14.8	Borders (Median, Traffic Island, Flush Traffic Island, Right Turn Bay): <input type="checkbox"/> White (T) - 100mm, Continuous	m			1,490.00
14.10	No Stopping: <input type="checkbox"/> Yellow - 100mm, 1m Stripe, 1m Gap	m			1,090.00
14.11	Parallel Parking: <input type="checkbox"/> White - 100mm, Continuous	m			50.00
14.14	Limit Line: <input type="checkbox"/> White (T) - 300mm Line (Give way)	m			1,880.00
14.16	Turning Guide Lines: <input type="checkbox"/> White - 100mm, 1m Stripe, 1m Gap	m			500.00
14.18	Crossing Bar: <input type="checkbox"/> White (T) - 300mm, Continuous	m			5,600.00
14.19	Symbols: <input type="checkbox"/> Advanced Diamond (1m x 6m) - White <input type="checkbox"/> Give way Triangle - White	each			540.00 350.00
14.20	Arrows: <input type="checkbox"/> Single - White (T) <input type="checkbox"/> Double - White (T) <input type="checkbox"/> Triple - White (T)	each			360.00 2,160.00 200.00
14.21	Letters and Numbers: <input type="checkbox"/> 'CAMPBELL ROAD ONLY' - White	each			350.00
14.22	Raised Reflective Pavement Markers (RRPM) (Provisional Item): <input type="checkbox"/> Lane Lines, Mono-Directional, White Reflective Faces <input type="checkbox"/> Edge Lines, Mono-Directional, Red Reflective Faces	each			375.00 375.00
14.23	Removal of Raised Reflective Pavement Markers (Provisional Item)	each			250.00
14.24	Fire Hydrant Markings: <input type="checkbox"/> Triangular Location Indicator <input type="checkbox"/> Hydrant and Kerb Block Indicator	each			60.00 30.00
14.25	Kerb Painting: <input type="checkbox"/> White (R)	m			1,100.00
14.26	Permanent Removal (Sand/Water Blasting) of ALL Obsolete Roadmarking	LS			-
14.27	Speed Table Ramp, Hump and Speed Cushion Roadmarking	each			1,200.00
14.28	Special Roundabout Kerb Arrows	each			1,200.00

57(2)(b)(iii) Prejudice to commercial position

For removal of kerb at new pram crossings

For kerb at existing prams being removed

All pavement surfacing at the roundabout circulation to the limit line on all approaches

All pavement surfacing at the roundabout circulation to the limit line on all approaches

Not required if pavement is resurfaced



15	TRAFFIC SIGNS AND STREET FURNITURE				71,680.00	
15.1	Remove Existing Sign and Pole	each			240.00	RG-17
15.2	Remove Existing Sign Only	each			40.00	RG-17
15.3	Relocate Existing Sign and Pole	each			600.00	RG17.1
15.4	Supply and Install New Sign and Pole:					
	□ PW-5 'Diverge' Sign	each			900.00	
	□ PW-39 'Hump' Sign with supplementary PW-25 'Advisory Speed' Sign (25km/h)	each			2,800.00	
	□ RG-17.1 'Keep Left - Twin Disc'	each			900.00	
15.8	Relocate Pedestrian Crossing Pole	each			1,200.00	
15.17	Supply and Install Pedestrian Crossing Pole with Illuminated Belisha Lamp	each			12,000.00	Assumes belisha beacon/crossing pole isn't joint-use with the street light
15.19	Supply and Install New Large Destination Sign and Pole	each			45,000.00	
15.20	Supply and Install Destination Sign Overlay on Existing Destination Sign (Manukau Rd N)	each			1,500.00	
15.21	Supply and Install New Destination Sign on Existing Poles (Mt Smart Rd)	each			5,000.00	
15.22	Remove Existing Large Destination Sign and Pole (Mt Albert Rd)	each			1,500.00	
17	FOOTPATHS AND VEHICLE CROSSINGS				31,660.00	
17.8	Footpath Rehabilitation / Reconstruction:					
	□ Concrete	m ²			10,800.00	Footpath around new/existing pram crossings
17.12	Concrete Pram Crossing:					
	□ 100mm Thick On 100mm (Min) GAP 40 Basecourse (Standard)	m ²			5,500.00	
17.13	Tactile Ground Surface Indicators:					
	□ Warning - Yellow	m ²			11,200.00	
	□ Directional	m ²			4,160.00	
19	ACTIVE WARNING STUD				41,500.00	
19.1	Supply of SERNIS or similar approved Smart Stud					
	□ Supply Smart Stud	each			16,000.00	Campbell Rd and Mt Smart Rd
	□ FAT Workshop setup and testing	L.S.			2,000.00	
	□ Supply Controller (Cabinet)	each			2,000.00	Only required for Mt Smart Rd
19.2	Installation of Smart Stud					
	□ All costs associated with installation of Smart Studs and Controller	L.S.			8,000.00	
19.3	Detection					
	□ Supply and Install FLIR Trafione Camera (includes cabling connection)	each			7,000.00	Only required for Mt Smart Rd (existing camera on Campbell Rd)
19.4	Power Connection					
	□ Vector Connection	L.S.			4,000.00	
	□ Solar Option	L.S.			1,000.00	
	□ Cabinet	L.S.			500.00	
19.5	Removal of Existing Smart Studs (where not included in pavement milling/resurfacing area)	L.S.			1,000.00	On Mt Smart and Campbell Rd approaches to intersection
T1	TOTAL (Exclusive of Fixed(non-time related) and Variable (time related))				402,491.00	T1
T2	TOTAL ON-SITE OVERHEAD(TIME RELATED). The \$value tendered	%	8%		32,199.28	T2
T3	TOTAL SCHEDULED AMOUNT (Inclusive of On-site Overheads)				470,990.28	T3=T1+T2+1A
T4	TOTAL OFF-SITE OVERHEAD & PROFIT	%	8%		37,679.22	T4
T5	TOTAL SCHEDULED AMOUNT (Inclusive of On-site Overheads, Off-site Overheads and Profit)				508,669.50	T5=T3+T4
PS	TOTAL PROVISIONAL SUMS (Clause 12.9)				70,000.00	PS
PS1	Investigation, Location and Protection of Underground Services	PS			10,000.00	
PS2	Supply and Install All New Street Lighting Required (Including Upgrades)	PS			60,000.00	
U	UNSCHEDULED WORKS (all items in this section are provisional)					
	<i>All quantities in the unscheduled works section do not represent the quantity that may be expended during the course of the contract.</i>					
	NET COST UNIT RATES					
	<i>When valuing variations on a Net Cost basis, per clause 9.3.7, the following section "NC" rates shall be used. The Contractor will be</i>					
NC	TOTAL NET COST UNIT RATES				-	NC=NCL+NCP+NCM
NCL	LABOUR				-	NCL
	<i>The following labour rates shall include for wages, subsistence allowance, holiday pay, insurance, ACC levies and the like, and the</i>					
NCL1	Labourer	hr			-	
NCL2	Electrician	hr			-	
NCL3	Carpenter	hr			-	
NCL4	Plant Operator	hr			-	
NCL5	Leading Hand	hr			-	
NCL6	Working Foreman	hr			-	
NCLd	Uplift to labour rates to determine the value of labour as a DAYWORK as	%	-		-	
	Note: All supervisory staff above working foreman level are deemed included					
NCP	PLANT				-	NCP
	<i>The following plant rates and any others that may become necessary, shall include for all operation and maintenance costs, and are</i>					
NCP1	Excavator 5-8.5T	hr			-	
NCP2	Excavator 8.6T-10.5T	hr			-	
NCP3	Excavator 10.6T-12T	hr			-	
NCP4	6W truck	hr			-	
NCP5	Roller, self propelled, single drum vibrating up to 6T	hr			-	
NCP6	Grader	hr			-	
NCP7	Watercart	hr			-	
NCPO	Other Plant - Tenderer to list	Hr			-	
NCPd	Uplift to plant rates to determine the value of plant as a DAYWORK as	%	-		-	
NCPx	% reduction in rates for plant on standby(not working)	%	-		-	
NCM	MATERIALS				-	NCM
	<i>The following materials cost shall be costs as invoiced to and verified as paid by the Contractor.</i>					
NCM	Materials	PS	1		-	
WDR	TOTAL CONTRACTOR NOMINATED WORKING DAY RATE				-	WDR
	<i>Rates per Working Day referred to in the General Conditions of Contract per Clause 9.3.11 and applicable to Extensions of Time</i>					
	<i>The tenderer is required to insert their Working Day rate (WDR) in column F against item WDR1 for the Contract Works. The</i>					
WDR1	Working Day rate - Contract Works	day			-	
WDR2	Working Day rate - SP1	day			-	
U	TOTAL UNSCHEDULED WORKS (all items in this section are provisional)				-	U=NC+WDR
T6	TOTAL (excluding GST) - TO FORM OF TENDER/TENDER SUMMARY				578,669.50	T6=T5+PS+U



TOTAL TENDER SUM (SPLIT)

s7(2)(b)(ii) Prejudice to commercial position	
CHECK THIS TOTAL MATCHES THE TOTAL OF THE SoP, T6	Total 578,669.50