

Project Title  
Job Number  
Date  
Author  
Check

Monarch Park Toilet Block Feasibility Estimate  
12677  
5/02/2018  
DW  
AC

Moore Street - Option 1

McDowell Crescent - Option 2

McDowell Crescent - Option 3

Item	Description	Unit	Qty	CONTRACT VALUE		Unit	Qty	CONTRACT VALUE		Unit	Qty	CONTRACT VALUE	
				Rate	Total			Rate	Total			Rate	Total
<b>A</b>	<b>PRELIMINARY AND GENERAL</b>												
A1	<b>Establishment</b>												
	On site delivery of all machinery, equipment, items and site facilities necessary for the project work. These include but are not limited to; Site office buildings, toilets, wash facilities, security fences, connection of temporary services, erection of any signs and environmental controls.	LS	1	\$ 1,000.00	\$ 1,000.00	LS	1	\$ 1,000.00	\$ 1,000.00	LS	1	\$ 1,000.00	\$ 1,000.00
A2	<b>Detachment</b>												
	Removal off site at the completion of the contract all machinery, equipment, rubbish, temporary structures and S&EC devices. The site is to be left in a state better than or equal to its original state and to the satisfaction of the engineer.	LS	1	\$ 1,500.00	\$ 1,500.00	LS	1	\$ 1,500.00	\$ 1,500.00	LS	1	\$ 1,500.00	\$ 1,500.00
A3	<b>Insurance, Bond and Permits</b>												
	The provision of all insurances, bonds and permits required for the proper	LS	1	\$ 500.00	\$ 500.00	LS	1	\$ 500.00	\$ 500.00	LS	1	\$ 500.00	\$ 500.00
A4	<b>S&amp;EC General</b>												
	Sediment and Erosion Control Plan Prepare S&EC plan, supply and install all S&EC controls to be maintained for duration of works. To be signed off by engineer.	LS	1	\$ 2,000.00	\$ 2,000.00	LS	1	\$ 2,000.00	\$ 2,000.00	LS	1	\$ 2,000.00	\$ 2,000.00
	<b>Subtotals - P&amp;G</b>				\$ 5,000.00				\$ 5,000.00				\$ 5,000.00
<b>B</b>	<b>Civil Works</b>												
B1	<b>Common Services Trench</b>												
	Install common services trench with water supply pipe, power duct, and telecom duct as detailed on the contract drawings. Backfill with SAP 7 or Similar.	m	32	\$ 80.00	\$ 2,560.00	m	70	\$ 80.00	\$ 5,600.00	m	120	\$ 80.00	\$ 9,600.00
B1.1	<b>Telecom Duct</b>												
	Supply, deliver and install 50mm telecom duct in the common services trench as detailed on the contract drawings.	m	25	\$ 40.00	\$ 1,000.00	m	70	\$ 40.00	\$ 2,800.00	m	120	\$ 40.00	\$ 4,800.00
B1.2	<b>Power Duct</b>												
	Supply, deliver and install 50mm power duct in the common services trench as detailed on the contract drawings.	m	25	\$ 40.00	\$ 1,000.00	m	70	\$ 40.00	\$ 2,800.00	m	120	\$ 40.00	\$ 4,800.00
B1.3	<b>Utility Connections</b>												
	Connection to utilities, power and telecom and water supply.	LS	1	\$ 15,000.00	\$ 15,000.00	LS	1	\$ 15,000.00	\$ 15,000.00	LS	1	\$ 15,000.00	\$ 15,000.00
B2	<b>Footpath Demolition</b>												
	Break out existing concrete footpath and remove all spoil from site.	m	40	\$ 40.00	\$ 1,600.00	m	80	\$ 40.00	\$ 3,200.00	m	130	\$ 40.00	\$ 5,200.00
B3	<b>Footpath Construction</b>												
	Supply, deliver and construct to it's entirety a 1.5m wide footpath as per contract drawings.	m	40	\$ 140.00	\$ 5,600.00	m	140	\$ 170.00	\$ 23,800.00	m	140	\$ 170.00	\$ 23,800.00
B4	<b>Toilet Block Foundation</b>												
	Supply, deliver and construct to it's entirety the concrete toilet block slab foundation as per contract drawings	LS	1	\$ 4,000.00	\$ 4,000.00	LS	1	\$ 4,000.00	\$ 4,000.00	LS	1	\$ 4,000.00	\$ 4,000.00
	<b>Subtotals - Civil Works</b>				\$ 30,760.00				\$ 57,200.00				\$ 67,200.00
<b>C</b>	<b>Water Supply Infrastructure</b>												
C1	<b>Water Meter</b>												
	Supply, deliver and install a water meter with back flow preventer as per contract drawings and in accordance with WSL standards.	LS	1	\$ 750.00	\$ 750.00	LS	1	\$ 750.00	\$ 750.00	LS	1	\$ 750.00	\$ 750.00
C2	<b>DN25 PE80B SDR11 Pipe</b>												
	Supply, deliver and install DN25 PE80B SDR11 pipe in the common services trench as detailed on the contract drawings and in accordance with WSL standards.	m	35	\$ 10.00	\$ 350.00	m	70	\$ 40.00	\$ 2,800.00	m	120	\$ 10.00	\$ 1,200.00
	<b>Subtotals - Water Supply Infrastructure</b>				\$ 1,100.00				\$ 3,550.00				\$ 1,950.00
<b>D</b>	<b>Wastewater Infrastructure</b>												
D1	<b>1050mm Manholes &lt;2m deep</b>												
	Supply, deliver and install 1050mmDia manholes less than or equal to 2m deep in accordance with Auckland Council and WSL standards	LS	0	\$ 5,000.00	\$ -	LS	2	\$ 5,000.00	\$ 10,000.00	LS	3	\$ 5,000.00	\$ 15,000.00
D2	<b>100mmØ uPVC SN16 Pipe</b>												
	Supply, deliver and install 100mm uPVC SN16 pipe including PVC pipe fittings as detailed on the contract drawings in accordance with WSL standards.	m	5	\$ 100.00	\$ 500.00	m	45	\$ 100.00	\$ 4,500.00	m	95	\$ 100.00	\$ 9,500.00
D3	<b>Manhole Connections (100mmDia uPVC SN16)</b>												
	Supply, deliver and install ND100 uPVC SN16 connections into manholes in accordance with Auckland Council standard details.	LS	1	\$ 300.00	\$ 300.00	LS	4	\$ 300.00	\$ 1,200.00	LS	6	\$ 300.00	\$ 1,800.00
D4	<b>Line Connections (100mmDia uPVC SN16)</b>												
	Supply, deliver and install ND100 uPVC SN16 line connections in accordance with Auckland Council standard details.	LS	0	\$ 500.00	\$ -	LS	1	\$ 500.00	\$ 500.00	LS	1	\$ 500.00	\$ 500.00
	<b>Subtotals - Wastewater Infrastructure</b>				\$ 800.00				\$ 16,200.00				\$ 26,800.00
	<b>Sub Total</b>				\$ 37,660.00				\$ 81,950.00				\$ 100,950.00
	<b>Feasibility Contingency</b>	%	20.00%		\$ 7,532.00	%	20.00%		\$ 16,390.00	%	20.00%		\$ 20,190.00
	<b>Total</b>				\$ 45,192.00				\$ 98,340.00				\$ 121,140.00