

OTH34 - Murwillumbah Library Surrounds Upgrade

Bill of Quantities

30/11/2015 - Revision 7

Item No.	Description	Unit	Quantity	Rate	Amount
1.00	Site Establishment				
1.01	Including sheds, site fencing, service locating, traffic management, temporary barriers, erosion & sediment control and temporary signage required for site, traffic & environmental purposes.	Item			
2.00	Demolition				
2.01	Construct temporary coffer dam in location shown on demolition plans.	Item			
2.02	Selection & removal of pond rocks to storage for later use.	No.	5		
2.03	Removal and disposal of all sludge and algae growth on existing pond walls and floor within the proposed works area, including all rocks, timber logs, plants, etc.	Item			
2.04	Removal and disposal of existing AC road surface and pavement.	m2	64		
2.05	Removal and disposal of existing concrete paths	m2	243		
2.06	Removal and disposal of existing kerb / kerb & gutter.	lm	66		
2.07	Removal and disposal of existing pond wall where shown on demolition plans.	lm	80		
2.08	Removal and disposal of existing pond floor in locations shown on demolition plans.	m2	24		
2.09	Removal of existing garden beds and turfed areas.	m2	125		
3.00	Services - Drainage				
3.01	Supply and install stormwater inlet pit type 1 to detail 17 on drg. 26.	No.	1		
3.02	Supply and install stormwater inlet pit type 2 to detail 18 on drg. 26.	No.	1		
3.03	Construct stormwater sump pit type 3 to detail 19 on drg. 26.	No.	1		
3.04	Construct stormwater inlet pit type 4 to detail 20 on drg. 26.	No.	1		
3.05	Supply and install 150mm dia. stormwater drainage as shown on services plans.	lm	38		
3.06	Supply and install 100mm dia. stormwater drainage as shown on services plans.	lm	16		
3.07	Supply and install 90mm dia. stormwater drainage as shown on services plans.	lm	4		
3.08	Supply and install 90mm dia. socked subsoil drainage as shown on services plans and details on drg. 24.	lm	138		
3.09	Connectors existing downpipes to 150mm dia. stormwater pipe at locations shown on services plans and to detail 21 on drg. 26.	No.	3		
4.00	Services - Communications				
4.01	Supply and install communications conduit and communications pits types 1 and 2 at locations shown on services plans, including backfilling as detailed.	Item			
5.00	Hard Landscaping				
5.01	Construct footings for seat walls "SW1" where shown on plans (outside of pond floor areas) and to detail 4 on drg. 24.	m3	0.25		
5.02	Construct base of seat wall "SW1" (N32 concrete) where shown on plans, as specified and to detail 1 on drg. 24.	lm	6		

OTH34 - Murwillumbah Library Surrounds Upgrade

Bill of Quantities

30/11/2015 - Revision 7

Item No.	Description	Unit	Quantity	Rate	Amount
5.03	Construct top of seat wall "SW1" (N28 concrete) where shown on plans, as specified and to detail 1 on drg. 24.	lm	6		
5.04	Construct seat wall "SW2" where shown on plans, as specified and to detail 2 on drg. 24. Allow for paint "finish" as specified.	lm	9		
5.05	Removed		0		
5.06	Removed		0		
5.07	Supply and lay concrete "clean-out" blocks as drainage weepholes as shown on details 12 to 15 on drg. 25.	No.	36		
5.08	Construct 250mm wide support wall "CW1" (N32 concrete) at location shown on footings plans, as specified and to detail 6 on drg. 24.	lm	3		
5.09	Construct 150mm wide support wall "CW2" (N28 concrete) at locations shown on footings plans, as specified and to detail 3 on drg. 24.	lm	6		
5.10	Construct underwater step / ledge (CS) in locations shown on footings plans, as specified and details 5 & 6 on drg. 24.	lm	8		
5.11	Construct raised garden edge "GE1" as shown on plans, as specified and to details 7, 8 and 9 on drg. 25.	lm	28		
5.12	Construct garden edge strip "GE2" as shown on plans, as specified and to detail 10 on drg. 25.	lm	5		
5.13	Construct flush garden edge "GE3" as shown on plans, as specified and to detail 11 on drg. 25.	lm	5		
5.14	Construct 125mm wide parapet wall and footing in location shown on plans and to detail 23 on drg. 26.	Item			
5.15	Construct Pavement Type (P1) including bedding, edge thickenings, finish and jointing where shown on the drawings, as specified and detail on drg. 23.	m2	295		
5.16	Construct Pavement Type (P2) including bedding, edge thickenings, finish and jointing where shown on drawings, as specified and detail on drg. 23.	m2	21		
5.17	Construct Pavement Type (P3) including bedding, edge thickenings, finish and jointing where shown on drawings, as specified and to detail on drg. 23.	m2	46		
5.18	Construct Pavement Type (P4) including edge, internal & pad thickenings, finish and jointing where shown on drawings, as specified and to detail on drg. 23.	m2	104		
5.19	Construct Pavement Type (P5) including finish and jointing where shown on drawings, as specified and to detail on drg. 23.	m2	7		
5.20	Supply and place & compact 500mm average depth controlled fill to all pond areas under pavement types (P4) and (P5), as specified and detail on drawing 23. (Note: The loose volume of 70 m3 has been derived from multiplying the calculated solid volume of 56 m3 by a bulking (swell) factor of 20%.	m3	67 (loose)		

OTH34 - Murwillumbah Library Surrounds Upgrade

Bill of Quantities

30/11/2015 - Revision 7

Item No.	Description	Unit	Quantity	Rate	Amount
5.21	Supply and apply approved waterproof membrane / sealant to the extents shown on the plans and detail drawings.	Item			
5.22	Construct upstand kerb (K1) where shown on plans, as specified and to detail on drg. 24.	lm	8		
5.23	Construct barrier kerb only (K2) where shown on plans, as specified and to detail on drg. 24.	lm	7		
5.24	Construct barrier kerb and channel (K&C) where shown on plans, as specified and to detail on drg. 24.	lm	55		
5.25	Construct pram crossings where shown on setout plans, as specified and to TSC standard details.	No.	3		
5.26	Construct asphaltic concrete pavement (AC1) where shown on plans, as specified and detail on drg. 23.	m2	24		
6.00	Furniture				
6.01	Install seats "S1".	No.	2		
6.02	Install seats "S2".	No.	3		
6.03	Install seats "PS".	No.	2		
6.04	Install bicycle rack "BR1".	No.	1		
6.05	Install bicycle rack "BR2".	No.	2		
6.06	Install drinking bubbler "DB".	No.	1		
6.07	Re-install rubbish bin enclosures and wheelie bins "RB".	No.	2		
6.08	Re-install existing steel bollards "B".	No.	4		
6.09	Install table & bench seats "TS".	No.	1		
6.10	Install tree grate and guard "TG".	No.	1		
6.11	Supply and install "pool type" perimeter fencing "F" and gate "G".	lm	24		
7.00	Soft Landscaping				
7.01	Supply and place approved soil for planters and turf.	m3	41		
7.02	Supply fertilizer.	Item			
7.03	Supply and plant trees and plants to detail 16 on drg. 25:				
	400lt	No.	3		
	100lt	No.	2		
	45lt	No.	2		
	25lt	No.	3		
	200mm	No.	45		
	140mm	No.	468		
7.04	Supply and place mulch as specified to all planters.	m2	84		
7.05	Supply and place turf to areas shown on planting plan.	m2	83		
8.00	Miscellaneous Works				
8.01	All other works required to complete the work as per the specifications. Tenderer to specify.	Item			
				Sub-total	\$ -
				Contingency 10%	\$ -
				Grand Total	\$ -