

Tamaki Pathway Stage 2 - Cost Estimate

Revision: 5	Job: 22186	Date: 16/04/2025			
Prepared by: Fernanda Contreras		Reviewed by: Andrew Mackenzie			
Item	Description	Unit	Quantity	Rate	Amount
1.00	Preliminary & General				
1.01	Site Establishment and Disestablishment. Item to include services locating, contract administration, insurances, safety fencing, pack up, etc.	LS	1	\$ 150,000.00	\$ 150,000.00
1.02	Site survey and set out of path alignments, structures and steps.	LS	1	\$ 50,000.00	\$ 50,000.00
1.03	Works Over Approval including CCTV of existing services.	LS	1	\$ 15,000.00	\$ 15,000.00
1.04	Preparation and Implementation of Site Safety Plan (including first-aider on-site at all times), Quality Plan, Traffic Management Plan, Environmental Plan (including Site Safe Environmental site manager on-site at all times) as per Technical Specification requirements including maintenance of controls in place for the duration of the works, stabilised reinstatement.	LS	1	\$ 125,000.00	\$ 125,000.00
1.05	Prepare and supply as built drawings as per AC standard.	LS	1	\$ 35,000.00	\$ 35,000.00
1.06	Preparation and Implementation of Site Specific Waste and Carbon Management Plan (SSWCMP) in a format required by Auckland Council.	LS	1	\$ 1,500.00	\$ 1,500.00
1.07	Prepare Waste and carbon reporting in accordance with Auckland Council requirements.	LS	1	\$ 5,000.00	\$ 5,000.00
1.08	Provisional Item: Waste disposal of material to landfill. Item to include transportation, disposal fees at transfer station and all associated costs. <i>Provide dockets as requested by Engineer.</i>	LS	1	\$ 10,000.00	\$ 10,000.00
1.09	Provisional Item: Recycling of material where feasible. Item to include transportation, disposal fees and all associated costs. <i>Provide dockets as requested by Engineer.</i>	LS	1	\$ 15,000.00	\$ 15,000.00
Subtotal section 1 (Preliminary & General)					\$ 406,500.00
Stage 1A					
2.00	TP0 - Concord Place Bridge (B1)				
2.01	Supply and install glulam bridge (B1) foundations. Item includes four driven timber piles, bearers, and all fixings.	Set	2	\$ 25,000.00	\$ 50,000.00
2.02	Supply and install 3.0m wide glulam bridge (B1) superstructure. Item includes glulam beams, glulam blocking, Vitex decking, tie bars, end boards, and all fixings.	Lin.m	22	\$ 12,000.00	\$ 264,000.00

Item	Description	Unit	Quantity	Rate	Amount
2.03	Supply and install 1.1m high Type 'A' steel infill barrier on bridge (B1) structures. Item includes fabrication, corrosion protection, paint coating, installation of all steel components, and all associated fixings.	Lin.m	44	\$ 2,000.00	\$ 88,000.00
2.04	Provisional Item: Supply and install approach boardwalk foundations. Item includes all required earthworks, three driven timber piles, cross bracing, bearers, end boards and all fixings.	Ea.	2	\$ 5,000.00	\$ 10,000.00
2.05	Provisional Item: Supply and install 3.0m wide approach boardwalk. Item includes joists, blocking, Vitex decking, tie bars, and all fixings.	Lin.m	8	\$ 4,000.00	\$ 32,000.00
2.06	Provisional Item: Mitigation planting around Bridge (B1) structure. Item includes plant maintenance for 2 years with allowance for up to 10% of planting to be replaced per year.	Sq m	72	\$ 40.00	\$ 2,880.00
Subtotal section 2 (TP0 - Concord Place Bridge (B1))					\$ 446,880.00
Estimate Subtotal (Stage 1A)					\$ 446,880.00
Stage 1B					
3.00	TP1 & TP3 - Shared Path				
3.01	Remove and stockpile existing bollard.	Ea.	3	\$ 200.00	\$ 600.00
3.02	Remove and stockpile existing boxed steps.	Lin.m	3	\$ 60.00	\$ 180.00
3.03	Remove and stockpile edge board.	Lin.m	227	\$ 20.00	\$ 4,540.00
3.04	Remove and stockpile existing timber box culvert.	Ea.	2	\$ 45.00	\$ 90.00
3.05	Remove and stockpile timber step/board.	Ea.	12	\$ 10.00	\$ 120.00
3.06	Clear vegetation along track corridor on new alignment.	Lin.m	295	\$ 25.00	\$ 7,375.00
3.07	Disposal- Landfill Disposal of stockpiled timber fence, boxed steps, edge boards, timber box culvert and timber steps.			See Item 1.07.	
3.08	Disposal - Recycling Recycling of material where feasible. Item to include transportation, disposal fees and all associated costs.			See Item 1.08	
3.09	Strip topsoil, stockpile and spread to rehabilitate site at completion of works including spreading over all cut and fill faces. Item includes stripping approx 100mm thick along full length of path.	Lin.m	375	\$ 45.00	\$ 16,875.00
3.10	Cut and fill to form track alignment along length of concrete path. Item includes all cut and fill including movement of material across the site to achieve gradient requirements, and survey of ground before and after earthworks.	Lin.m	375	\$ 100.00	\$ 37,500.00
3.11	Form new 2.0m wide concrete pathway, 125mm thick. Item includes formwork, mesh reinforcing, 125mm thick black oxide tinted 20MPa concrete, 200 - 300mm thick (subject to to subgrade testing) GAP40 recycled crushed concrete basecourse, starters, saw cuts, dowelled joints, compaction and testing.	Lin.m	375	\$ 540.00	\$ 202,500.00

Item	Description	Unit	Quantity	Rate	Amount
3.12	Form flared concrete connection to existing shared path. Item includes formwork, mesh reinforcing, 125mm thick black oxide tinted 20MPa concrete, min 100mm GAP40 recycled crushed concrete basecourse, starters, saw cuts, dowelled joints to existing path, compaction and testing.	LS	1	\$ 1,000.00	\$ 1,000.00
3.13	Supply and install low boardwalk foundations (BW1, BW2 and BW3). Item includes two driven timber piles, bearers, cross bracing, and all fixings.	Set	30	\$ 4,000.00	\$ 120,000.00
3.14	Supply and install 2.0m wide low boardwalk structure (BW1, BW2 and BW3). Item includes joists, blocking, cross bracing, timber decking, R-Grip non-slip system, and all fixings.	Lin.m	92	\$ 2,000.00	\$ 184,000.00
3.15	Supply and install 1.3m high Type 'A' barrier on boardwalk structure (BW1, BW2 and BW3). Item includes trimmer joist, packers, top rail, SS grab rail, battens, stanchions, tie bars, and all fixings.	Lin.m	184	\$ 1,500.00	\$ 276,000.00
3.16	Install earth dish drainage channel. Item includes earthworks, geotextile, drainage material, Novaflo pipe, shaping and grass seeding.	Lin.m	375	\$ 100.00	\$ 37,500.00
3.17	Supply and install concrete catchpit and 225mmØ culvert. Item includes earthworks, base material, concrete haunching, and outfall protection.	Ea.	10	\$ 1,000.00	\$ 10,000.00
3.18	Supply and install AT steel bollards where path meets roads. Item includes all required earthworks, bollards, and any concrete works.	Ea.	2	\$ 750.00	\$ 1,500.00
3.19	Form new 2.0m wide AT pram crossing from footpath to Taniwha Road. Item includes removal of existing kerb, earthworks, formwork, mesh reinforcing, 100mm thick black oxide tinted 20MPa concrete, min 100mm GAP40 recycled crushed concrete basecourse, compaction, testing and tactile paving.	LS	2	\$ 10,000.00	\$ 20,000.00
3.20	Supply and install picnic table. Item includes earthworks, formwork, 100mm thick black oxide tinted 20MPa concrete pad, mesh reinforcing, 100mm thick GAP40 basecourse, picnic table and all fixings.	LS	1	\$ 10,000.00	\$ 10,000.00
3.21	Supply and install signage as per drawings. Item includes excavations, concrete, signposts and signage.	Ea.	6	\$ 2,000.00	\$ 12,000.00
3.22	Supply and install signage marking on concrete path as per drawings. Item includes paint work on concrete path.	Ea.	12	\$ 1,000.00	\$ 12,000.00
3.23	Supply and install drinking fountain in TP3. Item includes connection to water supply, trenching (max 20m), 500×500×250 deep 30MPa concrete foundation pad, installation of fountain, and all fixings.	Ea.	1	\$ 5,000.00	\$ 5,000.00
3.24	Provisional Item: Install connection to water mains on street including installation of water meter and all consents and approvals.	Prov. Sum	1	\$ 10,000.00	\$ 10,000.00

Item	Description	Unit	Quantity	Rate	Amount
3.25	Provisional Item: Supply and install max 1m high retaining wall. Item includes timber piles in concrete filled holes, geotextile, laggings, backfill and all fixings.	Lin.m	34	\$ 2,000.00	\$ 68,000.00
3.26	Provisional Item: Supply and install 1.1m high Type 'A' barrier on retaining wall. Item includes packers, baluster posts, rails, battens, top rail, and all fixings.	Lin.m	34	\$ 650.00	\$ 22,100.00
3.27	Provisional Item: Mitigation planting around around decommissioned track. Item includes plant maintenance for 2 years with allowance for up to 10% of planting to be replaced per year.	Sq m	10	\$ 40.00	\$ 400.00
3.28	Provisional Item: Mitigation planting around boardwalk (BW3). Item includes plant maintenance for 2 years with allowance for up to 10% of planting to be replaced per year.	Sq m	70	\$ 40.00	\$ 2,800.00
3.29	Provisional Item: Allowance for removal of trees as noted in the Arborist report in TP1 area. Trees as follows: 1 x Ash Tree, 1 x Puriri. Refer to Arborist report. Allowance for ecostacking of native trees as directed by the Arborist.	Prov. Sum	1	\$ 10,000.00	\$ 10,000.00
Subtotal section 3 (TP1 & TP3 - Shared Path)					\$ 1,072,080.00
4.00	TP2 - Estuary Track				
4.01	Remove and stockpile existing peg and board steps.	Lin.m	37	\$ 60.00	\$ 2,220.00
4.02	Remove and stockpile edge board.	Lin.m	595	\$ 20.00	\$ 11,900.00
4.03	Remove and stockpile existing timber box culvert.	Ea.	7	\$ 40.00	\$ 280.00
4.04	Remove and stockpile timber step/board.	Ea.	4	\$ 10.00	\$ 40.00
4.05	Remove and stockpile low timber boardwalk.	Lin.m	8	\$ 100.00	\$ 800.00
4.06	Remove and stockpile 6.0m long timber bridge. Item includes decommission and disposal of bridge superstructure, foundations, and allowance for rehabilitation of affected areas.	LS	1	\$ 4,000.00	\$ 4,000.00
4.07	Remove and stockpile post and wire fence.	Lin.m	50	\$ 20.00	\$ 1,000.00
4.08	Remove and stockpile timber bridge across estuary. Item includes decommission and disposal of bridge superstructure, foundations, and allowance for rehabilitation of affected areas.	LS	1	\$ 4,000.00	\$ 4,000.00
4.09	Disposal- Landfill Disposal of stockpiled timber fence, boxed steps, edge boards, timber box culvert and timber steps.			See Item 1.07.	
4.10	Disposal - Recycling Recycling of material where feasible. Item to include transportation, disposal fees and all associated costs.			See Item 1.08.	
4.11	Clear vegetation along track corridor and on new alignment. All vegetation to be eco-stacked on site out of view of track users.	Lin.m	255	\$ 75.00	\$ 19,125.00
4.12	Reform track to 2.0m wide on existing alignment. Item includes allowance for minor vegetation clearance, clearing all organic matter and allowance for required earthworks to appropriately shape the ground and widen track as required.	Lin.m	190	\$ 65.00	\$ 12,350.00

Item	Description	Unit	Quantity	Rate	Amount
4.13	Form track to 2.0m wide on new alignment. Item includes clearing all organic matter and allowance for required earthworks to appropriately shape the ground.	Lin.m	255	\$ 85.00	\$ 21,675.00
4.14	Supply, place and compact min 75mm thick GAP20 aggregate 'approved track mix' surfacing material for track construction.	Cub.m	87	\$ 650.00	\$ 56,550.00
4.15	Form side drain min. 300mm wide × 250mm deep, chamfered 350mm wide at the top.	Lin.m	445	\$ 15.00	\$ 6,675.00
4.16	Supply and install 225Ø culvert. Culvert construction includes formation of catch pit and excavation and shaping of cut out drain to local low point.	Ea.	30	\$ 500.00	\$ 15,000.00
4.17	Supply and install track edge board. Item includes 200 × 50 or 150 × 50 edge board, and 75 × 50 H5 pegs.	Lin.m	150	\$ 50.00	\$ 7,500.00
4.18	Strip topsoil, stockpile and spread to rehabilitate concrete path site at completion of works including spreading over all cut and fill faces. Item includes stripping approx 100mm thick along full length of concrete path and surveying stockpiles.	Lin.m	9	\$ 150.00	\$ 1,350.00
4.19	Cut and fill to form track alignment along length of concrete path. Item includes all cut and fill including movement of material across the site to achieve gradient requirements, and survey of ground before and after earthworks.	Lin.m	25	\$ 100.00	\$ 2,500.00
4.20	Form new 2.0m wide concrete pathway. Item includes formwork, mesh reinforcing, 125mm thick black oxide tinted 20MPa concrete, 200 - 300mm thick (subject to subgrade testing) recycled crushed concrete GAP40 basecourse, saw cuts, compaction and testing.	Lin.m	25	\$ 540.00	\$ 13,500.00
4.21	Form flared concrete connection to existing shared path. Item includes formwork, mesh reinforcing, 125mm thick black oxide tinted 20MPa concrete, min 100mm GAP40 recycled crushed concrete basecourse, starters, saw cuts, dowelled joints to existing path, compaction and testing.	LS	1	\$ 1,000.00	\$ 1,000.00
4.22	Supply and install non-coastal low boardwalk foundations. Item includes earthworks, two driven H5 timber piles, H5 bearers, H5 cross bracing, and all fixings.	Ea.	6	\$ 3,000.00	\$ 18,000.00
4.23	Supply and install coastal low boardwalk foundations. Item includes two driven H6 timber piles, H6 bearers, H6 cross bracing, and all fixings.	Ea.	6	\$ 4,000.00	\$ 24,000.00
4.24	Supply and install 2.0m wide low boardwalk structure (BW4). Item includes joists, blocking, timber decking, R-Grip non-slip system, and all fixings.	Lin.m	27	\$ 2,000.00	\$ 54,000.00
4.25	Supply and install 2.0m wide bridge (B2) with driven timber piles. Item includes all required earthworks, post and bearer sets, cross bracing, joists, blocking, timber decking, R-Grip non-slip system, and all fixings.	Lin.m	6	\$ 3,500.00	\$ 21,000.00
4.26	Supply and install 1.1m high Type 'B' barrier on boardwalk and bridge structures (BW4 and B2). Item includes baluster posts, packers, rails, battens, top rail, tie bars, and all fixings.	Lin.m	66	\$ 350.00	\$ 23,100.00
4.27	Supply and install coconut matting over cut and fill faces to prevent scour as directed by Engineer.	Sq m	800	\$ 25.00	\$ 20,000.00

Item	Description	Unit	Quantity	Rate	Amount
4.28	Install new post and wire fence to match existing. Item includes all driven timber posts, wire, and all fixings.	Lin.m	50	\$ 100.00	\$ 5,000.00
4.29	Provisional Item: Supply and install timber kerbs on boardwalk structure. Item includes packers, chamfered kerbs, and all fixings.	Lin.m	54	\$ 100.00	\$ 5,400.00
4.30	Provisional Item: Mitigation planting around decommissioned tracks. Item includes plant maintenance for 2 years with allowance for up to 10% of planting to be replaced per year.	Sq m	60	\$ 40.00	\$ 2,400.00
4.31	Provisional: Allowance for removal of trees as noted in the Arborist report in TP2 and TP3 areas. Trees as follows: smaller natives (Mahoe asnd Kawakawa) and 1 x gum tree. Refer to Arborist report. Allowance for ecostacking as directed by arborist.	Prov. Sum	1	\$ 10,000.00	\$ 10,000.00
Subtotal section 4 (TP2 - Estuary Track)					\$ 364,365.00
Estimate Subtotal (Stage 1B)					\$ 1,436,445.00
Stage 2A					
5.00	TP6, TP7, TP8, TP9, TP10 - Shared Path				
5.01	Strip topsoil, stockpile and spread to rehabilitate site at completion of works including spreading over all cut and fill faces. Item includes stripping approx 100mm thick along full length of path and surveying stockpiles.	Lin.m	560	\$ 75.00	\$ 42,000.00
5.02	Cut and fill to form track alignment along length of concrete path. Item includes all cut and fill including movement of material across the site to achieve gradient requirements.	Lin.m	560	\$ 150.00	\$ 84,000.00
5.03	Form new 3.0m wide concrete pathway. Item includes formwork, mesh reinforcing, 125mm thick black oxide tinted 20MPa concrete, 200 - 300mm thick (subject to to subgrade testing) GAP40 recycled crushed concrete basecourse, saw cuts, dowelled joints, compaction and testing.	Lin.m	560	\$ 450.00	\$ 252,000.00
5.04	Strip topsoil, stockpile and spread to rehabilitate site at completion of works including spreading over all cut and fill faces. Item includes stripping approx 100mm thick along full length of concrete steps and surveying stockpiles.	Lin.m	33	\$ 75.00	\$ 2,475.00
5.05	Cut and fill to form track alignment along length of concrete step alignment. Item includes all cut and fill including movement of material across the site to achieve gradient requirements.	Lin.m	33	\$ 250.00	\$ 8,250.00
5.06	Form new 1.8m wide concrete steps. Item includes formwork, mesh reinforcing, nosing reinforcing bars, black oxide tinted 20MPa concrete, min 100mm GAP40 recycled crushed concrete basecourse, foundations, foundation reinforcement, dowel bars, non-slip nosings, PFC bike rail and fixings, compaction and testing.	Lin.m	33	\$ 2,000.00	\$ 66,000.00
5.07	Supply and install 900 -1000mm high handrail on concrete steps. Item includes baluster posts in concrete filled foundatons, two graspable rails, and all fixings.	Lin.m	33	\$ 550.00	\$ 18,150.00
5.08	Supply and install 2.0m wide high boardwalk foundations. Item includes earthworks, two driven timber piles, bearers, cross bracing, and all fixings.	Ea.	3	\$ 4,000.00	\$ 12,000.00

Item	Description	Unit	Quantity	Rate	Amount
5.09	Supply and install 2.0m wide high boardwalk structure (BW8). Item includes joists, blocking, timber decking, R-Grip non-slip system, and all fixings.	Lin.m	17	\$ 2,000.00	\$ 34,000.00
5.10	Supply and install 3.0m wide high boardwalk foundations. Item includes earthworks, three driven timber piles, bearers, cross bracing, and all fixings.	Ea.	10	\$ 6,000.00	\$ 60,000.00
5.11	Supply and install 3.0m wide high boardwalk structure (BW7). Item includes joists, blocking, timber decking, R-Grip non-slip system, and all fixings.	Lin.m	45	\$ 4,000.00	\$ 180,000.00
5.12	Supply and install 1.3m high Type 'A' barrier on approach boardwalk structures (BW7 and BW8). Item includes trimmer joist, packers, top rail, SS grab rail, battens, stanchions, tie bars, and all fixings.	Lin.m	124	\$ 1,500.00	\$ 186,000.00
5.13	Supply and install max 1.0m high retaining wall on both sides of TP6. Item includes timber piles in concrete filled holes, geotextile, laggings, backfill, tie bars, and all fixings.	Lin.m	20	\$ 1,500.00	\$ 30,000.00
5.14	Supply and install timber kerb on retaining wall. Item includes packers, chamfered kerb, and all fixings.	Lin.m	40	\$ 100.00	\$ 4,000.00
5.15	Install earth dish drainage channel. Item includes earthworks, geotextile, drainage material, Novaflo pipe, shaping, and grass seeding.	Lin.m	537	\$ 100.00	\$ 53,700.00
5.16	Supply and install concrete catchpit and 225mmØ culvert. Item includes earthworks, base material, concrete haunching, and outfall protection.	Ea.	15	\$ 1,000.00	\$ 15,000.00
5.17	Supply and construct 500x500x500 high basalt stone bollards at path entrance in TP5. Item includes all required earthworks, concrete foundation pad, basalt stones and mortar and all associated works.	Ea.	2	\$ 1,500.00	\$ 3,000.00
5.18	Supply and install park bench (TP6 and TP9). Item includes earthworks, formwork, 100mm thick black oxide tinted 20MPa concrete pad, mesh reinforcing, 100mm thick GAP40 recycled crushed concrete basecourse, park bench and all fixings.	Ea.	2	\$ 5,000.00	\$ 10,000.00
5.19	Supply and install picnic table (TP6 and TP9). Item includes earthworks, formwork, 100mm thick black oxide tinted 20MPa concrete pad, mesh reinforcing, 100mm thick GAP40 recycled crushed concrete basecourse, picnic table and all fixings.	Ea.	2	\$ 10,000.00	\$ 20,000.00
5.20	Supply and install signage as per drawings. Item includes excavations, concrete, signposts and signage.	Ea.	2	\$ 2,000.00	\$ 4,000.00
5.21	Supply and install signage marking on concrete path as per drawings. Item includes paint work on concrete path.	Ea.	7	\$ 1,000.00	\$ 7,000.00
5.22	Form zig-zag motif detail on path to match existing path motif.	Ea.	6	\$ 3,000.00	\$ 18,000.00
5.23	Supply and install drinking fountain in TP9. Item includes connection to water supply, trenching (max 20m), 500x500x250 deep 30MPa concrete foundation pad, installation of fountain, and all fixings.	Ea.	1	\$ 5,000.00	\$ 5,000.00
5.24	Provisional Item: Install connection to water mains on street including installation of water meter and all consents and approvals.	Prov. Sum	1	\$ 10,000.00	\$ 10,000.00

Item	Description	Unit	Quantity	Rate	Amount
5.25	<p>Provisional: Allowance for removal of trees as noted in the Arborist report. Trees as follows: 7 x Pines near to Silverton Ave, 1 x Cabbage Tree, 1 x Puriri. Allowance for pine trunks to be ecostcked, heads to be chipped. All other natives to be ecostacked as directed by arborist.</p>	Prov. Sum	1	\$ 30,000.00	\$ 30,000.00
Subtotal section 5 (TP6, TP7, TP8, TP9, TP10 - Shared Path)					\$ 1,154,575.00
Estimate Subtotal (Stage 2A)					\$ 1,154,575.00
Stage 2B					
6.00	TP4 & TP5 - Shared Path				
6.01	Remove and stockpile existing boxed steps.	Lin.m	12	\$ 60.00	\$ 720.00
6.02	Remove and stockpile edge board.	Lin.m	10	\$ 20.00	\$ 200.00
6.03	Remove and stockpile 5.2m long timber bridge. Item includes decommission and disposal of bridge superstructure, foundations, and allowance for rehabilitation of affected areas.	LS	1	\$ 4,000.00	\$ 4,000.00
	Disposal- Landfill				
6.04	Disposal of stockpiled timber fence, boxed steps, edge boards, timber box culvert and timber steps.			See Item 1.07.	
	Disposal - Recycling				
6.05	Recycling of material where feasible. Item to include transportation, disposal fees and all associated costs.			See Item 1.08.	
6.06	Strip topsoil, stockpile and spread to rehabilitate site at completion of works including spreading over all cut and fill faces. Item includes stripping approx 100mm thick along full length of path.	Lin.m	74	\$ 75.00	\$ 5,550.00
6.07	Cut and fill to form track alignment along length of concrete path. Item includes all cut and fill including movement of material across the site to achieve gradient requirements.	Lin.m	74	\$ 150.00	\$ 11,100.00
6.08	Form new 3.0m wide concrete pathway. Item includes formwork, mesh reinforcing, 125mm thick black oxide tinted 20MPa concrete, 200 - 300mm thick (subject to subgrade testing) GAP40 recycled crushed concrete basecourse, starters, saw cuts, dowelled joints, compaction and testing.	Lin.m	74	\$ 540.00	\$ 39,960.00
6.09	Form flared concrete connection to existing shared path. Item includes formwork, mesh reinforcing, 125mm thick black oxide tinted 20MPa concrete, min 100mm GAP40 recycled crushed concrete basecourse, starters, saw cuts, dowelled joints to existing path, compaction and testing.	Ea.	4	\$ 1,500.00	\$ 6,000.00
6.10	Supply and install 3.0m wide high boardwalk (BW5 and BW6) foundation. Item includes 3/ driven timber piles, bearers, cross bracing, and all fixings.	Ea.	8	\$ 6,000.00	\$ 48,000.00
6.11	Supply and install 3.0m wide boardwalk (BW5 and BW6) superstructure. Item includes joists, blocking, timber decking, R-Grip non-slip system, and all fixings.	Lin.m	46	\$ 4,000.00	\$ 184,000.00
6.12	Supply and install 3.0m wide glulam bridge (B3) foundation. Item includes 4/ driven timber piles, bearers, cross bracing, and all fixings.	Ea.	2	\$ 18,000.00	\$ 36,000.00

Item	Description	Unit	Quantity	Rate	Amount
6.13	Supply and install 3.0m wide glulam bridge (B3) superstructure. Item includes glulam beams, glulam blocking, timber decking, R-Grip non-slip system, and all fixings.	Lin.m	17	\$ 11,000.00	\$ 187,000.00
6.14	Supply and install 1.3m high Type 'A' barrier on approach boardwalk (BW5 and BW6) and bridge (B3) structures. Item includes trimmer joist, packers, top rail, SS grab rail, battens, stanchions, tie bars, and all fixings.	Lin.m	126	\$ 1,500.00	\$ 189,000.00
6.15	Supply and install AT steel bollards where path meets roads. Item includes all required earthworks, bollards, and any concrete works.	Ea	2	\$ 750.00	\$ 1,500.00
6.16	Supply and construct 500x500x500 high basalt stone bollards at path entrance in TP5. Item includes all required earthworks, concrete foundation pad, basalt stones and mortar and all associated works.	Ea.	2	\$ 1,500.00	\$ 3,000.00
6.17	Supply and install picnic table. Item includes earthworks, formwork, 100mm thick black oxide tinted 20MPa concrete pad, mesh reinforcing, 100mm thick GAP40 recycled crushed concrete basecourse, picnic table and all fixings.	Ea.	1	\$ 10,000.00	\$ 10,000.00
6.18	Supply and install signage as per drawings. Item includes excavations, concrete, signposts and signage.	Ea.	4	\$ 2,000.00	\$ 8,000.00
6.19	Supply and install signage marking on concrete path as per drawings. Item includes paint work on concrete path.	Ea.	6	\$ 1,000.00	\$ 6,000.00
6.20	Form zig-zag motif detail on path to match existing path motif.	Ea.	5	\$ 3,000.00	\$ 15,000.00
6.21	White dashed line marking on concrete path.	Ea.	1	\$ 1,000.00	\$ 1,000.00
6.22	Supply and install drinking fountain in TP5. Item includes connection to water supply, trenching (max 20m), 500x500x250 deep 30MPa concrete foundation pad, installation of fountain, and all fixings.	Ea.	1	\$ 5,000.00	\$ 5,000.00
6.23	Provisional Item: Install connection to water mains on street including installation of water meter and all consents and approvals.	Prov. Sum	1	\$ 10,000.00	\$ 10,000.00
6.24	Provisional Item: Supply and install park bench. Item includes earthworks, formwork, 100mm thick black oxide tinted 20MPa concrete pad, mesh reinforcing, 100mm thick GAP40 recycled crushed concrete basecourse, park bench and all fixings.	Ea.	1	\$ 5,000.00	\$ 5,000.00
6.25	Provisional Item: Supply and install picnic table. Item includes earthworks, formwork, 100mm thick black oxide tinted 20MPa concrete pad, mesh reinforcing, 100mm thick GAP40 recycled crushed concrete basecourse, picnic table and all fixings.	Ea.	2	\$ 10,000.00	\$ 20,000.00
Subtotal section 6 (TP4 & TP5 - Shared Path)					\$ 796,030.00
Estimate Subtotal (Stage 2B)					\$ 796,030.00
Total of Scheduled Items					\$ 4,240,430.00
Contingency 15%					\$ 636,064.50
TOTAL (excl. GST)					\$ 4,876,494.50