

MIP Ref	Primary project	Brief project description (more detail available)	Sub actions	Cost estimate (total)	2020/2021 (not LTP)	Cost estimates per financial year											
						2021/2022	2022/2023	2023/2024	2024/2025	2025/2026	2026/2027	2027/2028	2028/2029	2029/2030	2030/2031	2031/2032	2032/2033
F1	Archaeological research	Undertake archaeological research into the occupational and gardening areas, settlement patterns and lifestyle of the ancestors who resided at Mauao to inform the development of an interpretation plan, and restoration and planting plan.	Research strategy	Action in 2020/2021	\$3,910												
			Archaeological research	\$150,000		\$30,000	\$30,000	\$30,000	\$30,000	\$30,000							
F2	Placemaking and Interpretation plan	Develop and implement an overall placemaking and interpretation plan for Mauao, including design identity and signage.	Law Creative to complete placemaking and interpretation designs, including guide, branding, and document design.	Action in 2020/2021	\$60,663												
			Archaeological authority requirements and consents	Action in 2020/2021													
			Wayfinding signage	Action in 2020/2021	\$78,591												
			Waikorire entrance (Pilot Bay)	\$23,575		\$23,575											
			Rangihakaoma entrance (Ocean Beach)	\$134,550		\$134,550											
			Remainder placemaking sites (see Law Creative cost estimates for breakdown)	\$652,370		\$652,370											
	Mauao summit pouwhenua and ātea	Investigate options to replace the trig station on the summit of Mauao with appropriate pouwhenua, and establish an ātea	Summit pouwhenua and ātea - not including installation	\$141,841		\$141,841											
	Digital storytelling	Digital storytelling using current beacons and leverage Arataki app, and build a website	Digital storytelling (beacons and Arataki app \$45,000, and website \$15,000) +15%	\$69,000		\$17,250	\$51,750										
F3	Restoration and planting plan	Establish and implement an overall restoration and planting plan for Mauao.	Document and mapping. Includes archaeological features, identification of the cloak of Mauao, restoration planting, enhancement planting, protection/enhancement of wahi tapu sites and natural springs, existing planting posing a risk to archaeological features and options to remedy, vegetation removal subject to fire hazard areas, and sheep grazing areas.	Action in 2020/2021 (from General restoration budget)													
		Progressively implement the restoration and planting plan as resources permit.	Site preparation and planting. Max planting 130,000.12m2. Site prep \$230,000. \$1,052,250 to plant. Split prep and planting between two financial years.	\$1,282,250		\$320,563	\$320,563	\$320,563	\$320,563								
			Planting maintenance.	\$248,439		\$10,063	\$20,125	\$28,031	\$35,938	\$30,427	\$24,916	\$21,561	\$18,207	\$18,207	\$18,207	\$ 13,655.10	\$ 9,103.40
S2	Pest Control Plan	Establish and implement an animal pest control plan for Mauao	Establish an animal pest control plan for Mauao that considers the different methods of pest control including baiting, trapping, a pest proof fence, and/or other relevant mechanisms of pest control.	Action in 2020/2021 (from Operational budget)													
S3	Walkway and Seating Plan	Review walkways and seating and establish and implement a walkway and seating plan	Review the existing walkways and seating on Mauao, having regard to archaeological, cultural and ecological values. Consider where walkways or seating is needed, or should be removed from Mauao, and develop a walkway and seating plan that reflects all required changes.	Staff time only													
			Replacement of existing seating using designs from placemaking and interpretation plan.	\$40,000				\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000		
S5	Investigate the establishment of a waka launching site	Investigate options to establish a waka launching site at the base of Mauao (further actions/projects dependent on the outcome of investigations).	Investigate options	\$40,000		\$40,000											
			Implement waka launching site	\$100,000				\$100,000									
S6	Investigate the establishment of a cultural centre / visitor centre	Investigate options to establish a visitor centre and/or cultural centre at the base of Mauao (further actions/projects dependent on the outcome of investigations).	Grant to Mauao Trust	\$10,000		\$10,000											
T1	Stone steps archaeological research	Undertake archaeological and archival research to determine the nature and origin of the archaeological features associated with the stone steps on Mauao.	Engage consultant to conduct research	\$15,000				\$15,000									
T2	Stone jetty repair programme	Establish and implement a repair programme for the stone jetty	Undertake a formal assessment of the stone jetty by a suitably qualified conservator to determine what elements relate to the use of the jetty prior to the 1930s.	\$15,000		\$15,000											
			Repair the stone jetty.	\$50,000				\$50,000									
	Sponsorship framework	Establish a sponsorship framework to access new sources of funding for Mauao projects	Engage a consultant to create framework	\$25,000		\$25,000											
				\$2,997,025	\$143,164	\$1,420,211	\$422,438	\$498,594	\$441,500	\$65,427	\$29,916	\$26,561	\$23,207	\$23,207	\$23,207		

Ref	Primary project
First Term Priorities	
F1	Undertake archaeological research
F2	Establish and implement an interpretation plan
	Investigate summit pouwhenua
	Investigate summit ātea
F2	Establish and implement an interpretation plan
F2	Establish and implement an interpretation plan

F3	Establish and implement a planting and restoration plan
F6	Establish and implement a restoration Plan of works for the Peace Monument
F8	Investigate the establishment of a Mauao resting period
F10	Establish and implement a Fatality Management Procedure
Second Term Priorities	
S1	Establish and implement concessionaire standards
S2	Establish and implement a Pest Control Plan

Sub actions	Rough order cost
Undertake archaeological research into the occupational and gardening areas, settlement patterns and lifestyle of the ancestors who resided at Mauao to inform the development of an interpretation plan, and restoration and planting plan.	\$15,000
Develop an overall interpretation plan for Mauao that: <ul style="list-style-type: none"> • Investigates options to establish cultural gateways to Mauao, including the location, design and development of cultural gateways that reflect the cultural and historical significance of Mauao to tangata whenua; • Investigates options to replace the trig station on the summit of Mauao with appropriate pouwhenua; • Investigates options to establish an ātea on the summit of Mauao; • Investigate options to establish a design identity for Mauao; • Investigates options to establish cultural and historical information within the reserve, including the installation of interpretive signage where appropriate; • Investigates options to establish signage that identifies and provides information on specific features/areas of Mauao that are of significance to the three iwi of Tauranga Moana and the iwi Waitaha; • Considers the potential outcomes of future investigations into a waka launching site and cultural centre; • Identifies appropriate locations and the information required on entry signage that communicates permitted and restricted activities on Mauao • Identifies appropriate locations and the information required on signage that directs visitors to reserve features and promotes the safe use of the reserve; • Identifies appropriate areas on Mauao to erect signage relating to wildlife protection; • Identifies appropriate locations to erect signage advising the public and hang gliders/paragliders of the take-off and landing site for gliders/paragliders on Mauao; • Considers the archaeological, cultural, ecological values of Mauao; 	\$100,000
<ul style="list-style-type: none"> • Investigates options to replace the trig station on the summit of Mauao with appropriate pouwhenua; 	
<ul style="list-style-type: none"> • Investigates options to establish an ātea on the summit of Mauao; 	
<ul style="list-style-type: none"> • Considers the potential outcomes of future investigations into a waka launching site and cultural centre; 	
In partnership with iwi, prepare developed and detailed designs, and obtain consent for all necessary components identified in the Interpretation Plan.	To be confirmed upon completion of overall Interpretation Plan
Progressively implement Interpretation in accordance with the interpretation plan, developed designs and detailed designs, as resources permit.	To be confirmed upon completion of overall Interpretation Plan

<p>Develop an overall restoration and planting plan for Mauao that:</p> <ul style="list-style-type: none"> Identifies the most appropriate option for maintaining the grassed areas of the reserve and the integrity of the archaeological features present, including but not limited to: <ul style="list-style-type: none"> Areas that should be retired from sheep grazing Areas where sheep grazing is appropriate Areas where planting can occur to contribute to the restoration of the cloak of Mauao; Identifies trees and vegetation planted on archaeological features that pose a risk of damage to the archaeological feature; Identifies options to address trees and vegetation planted on archaeological features that pose a risk of damage to that archaeological feature; Identifies areas where planting of indigenous vegetation can help protect and/or enhance wāhi tapu sites, by either restricting public access or increasing public awareness of wahi tapu sites on Mauao; Identifies areas where planting of indigenous vegetation will improve the water quality of those natural springs on Mauao; Identifies areas where planting of indigenous vegetation will enhance the habitat value of existing vegetation; Identifies vegetation for removal where this creates a fire hazard; Identifies the historical area of Karaka to be restored in accordance with the cultural assessment prepared by Boffa Miskell, 2014; Includes a map of the areas to which the cloak of mauao relates. 	\$20,000
Progressively implement the restoration and planting plan as resources permit.	Per annum amount to be confirmed upon completion of the restoration and planting plan.
Initiate and support projects to restore the cloak of mauao that involve Tauranga Moana iwi.	Staff time only
Establish a restoration plan for the peace monument located at the summit of Mauao.	NA
Implement the restoration plan for the peace monument located at the summit of Mauao.	NA
Investigate options to rest Mauao through restricting public access to the maunga, whilst not unduly restricting recreational opportunities to the Reserve.	\$15,000
Investigate options to establish a procedure for managing fatalities that occur on Mauao.	Staff time only
Implement a fatality management procedure for managing fatalities that occur on Mauao.	Staff time only
Establish concessionaire standards for commercial activities on Mauao that enhance visitor experiences and include a strong cultural component.	Staff time only
Implement the concessionaire standards.	Staff time only
Establish an animal pest control plan for Mauao that considers the different methods of pest control including baiting, trapping, a pest proof fence, and/or other relevant mechanisms of pest control.	\$6,000
Implement an animal pest control plan for Mauao.	Per annum amount provided on contract

Funding source	Timing	Lead organisation	Support organisations	Progress commentary
MOU project fund	2018/2019	Ngā Poutiriao ō Mauao	Tauranga City Council Mauao Trust Heritage New Zealand	Change timing to 2020/2021
MOU project fund	2018/2019	Ngā Poutiriao ō Mauao	Tauranga City Council Mauao Trust Heritage New Zealand LINZ Rock Climbing User Groups Bay of Plenty Paragliding and Hang Gliding Club	Project mostly completed check items in bold black
		Ngā Poutiriao ō Mauao	Tauranga City Council Mauao Trust Heritage New Zealand LINZ	Extracted from project F2
		Ngā Poutiriao ō Mauao	Tauranga City Council Mauao Trust Heritage New Zealand LINZ	Extracted from project F2
		Ngā Poutiriao ō Mauao	Tauranga City Council Mauao Trust Heritage New Zealand LINZ	Extracted from project F2
MOU project fund	2019/2020	Ngā Poutiriao ō Mauao	Tauranga City Council Mauao Trust Heritage New Zealand LINZ User Groups Bay of Plenty Paragliding and Hang Gliding Club	Change timing
MOU project fund	2019/2020 – 2020/2021	Ngā Poutiriao ō Mauao	Tauranga City Council Mauao Trust	Change timing

MOU operational fund	2018/2019	Ngā Poutiriao ō Mauao	Tauranga City Council Mauao Trust Heritage New Zealand	Change timing
MOU operational fund	2019/2020 – 2020/2021	Ngā Poutiriao ō Mauao	Tauranga City Council Mauao Trust	Change timing
MOU operational fund	2019/2020 – 2020/2022	Ngā Poutiriao ō Mauao	Ngā Poutiriao ō Mauao Tauranga City Council Mauao Trust	Change timing
NA	2018/2019	Rotary Club of Tauranga	Ngā Poutiriao ō Mauao Tauranga City Council Mauao Trust	Project did not commence. Relevance to be discussed with Rotary Club of Tauranga.
NA	2018/2019	Rotary Club of Tauranga	Ngā Poutiriao ō Mauao Tauranga City Council Mauao Trust	Project did not commence. Relevance to be discussed with Rotary Club of Tauranga.
MOU project fund	2019/2020	Ngā Poutiriao ō Mauao	Tauranga City Council Mauao Trust	Completed? Add to operational projects
MOU operational fund	2020/2021	Ngā Poutiriao ō Mauao	Tauranga City Council Mauao Trust	Due to commence this financial year?
MOU operational fund	2020/2021	Ngā Poutiriao ō Mauao	Tauranga City Council Mauao Trust	Due to commence this financial year?
MOU operational fund	2020/2021	Ngā Poutiriao ō Mauao	Tauranga City Council Mauao Trust	
MOU operational fund	2020/2021	Ngā Poutiriao ō Mauao	Tauranga City Council Mauao Trust	
MOU project fund	2022/2023	Ngā Poutiriao ō Mauao	Tauranga City Council Mauao Trust	
MOU operational fund	2022/2023	Ngā Poutiriao ō Mauao	Tauranga City Council Mauao Trust	

Ref	Primary project	Sub actions	Rough order cost	Funding source	Timing	Lead organisation	Support organisations	Progress commentary
First Term Priorities								
F1	Undertake archaeological research	Undertake archaeological research into the occupational and gardening areas, settlement patterns and lifestyle of the ancestors who resided at Mauao to inform the development of an interpretation plan, and restoration and planting plan.	\$15,000	MOU project fund	2018/2019	Ngā Poutiriao ō Mauao	Tauranga City Council Mauao Trust Heritage New Zealand	Change timing to 2020/2021
		Undertake archaeological research to determine whether buried archaeological features are present within the grassed slopes of Mauao to inform the development of an interpretation plan, and restoration and planting plan.	\$15,000	MOU project fund	2018/2019	Ngā Poutiriao ō Mauao	Tauranga City Council Mauao Trust Heritage New Zealand	Completed
F2	Establish and implement an interpretation plan	Develop an overall interpretation plan for Mauao that: <ul style="list-style-type: none"> Investigates options to establish cultural gateways to Mauao, including the location, design and development of cultural gateways that reflect the cultural and historical significance of Mauao to tangata whenua; Investigates options to replace the trig station on the summit of Mauao with appropriate pouwhenua; Investigates options to establish an ātea on the summit of Mauao; Investigate options to establish a design identity for Mauao; Investigates options to establish cultural and historical information within the reserve, including the installation of interpretive signage where appropriate; Investigates options to establish signage that identifies and provides information on specific features/areas of Mauao that are of significance to the three iwi of Tauranga Moana and the iwi Waitaha; Considers the potential outcomes of future investigations into a waka launching site and cultural centre; Identifies appropriate locations and the information required on entry signage that communicates permitted and restricted activities on Mauao Identifies appropriate locations and the information required on signage that directs visitors to reserve features and promotes the safe use of the reserve; Identifies appropriate areas on Mauao to erect signage relating to wildlife protection; <i>Identifies an appropriate location near the rock climbing routes to erect signage that identifies and provides information on the preservation of Psilotum nudum;</i> <i>Identifies appropriate locations to erect signage near the rock climbing routes to warn the public of rock climbers on the cliffs ahead;</i> Identifies appropriate locations to erect signage advising the public and hang gliders/paragliders of the take-off and landing site for gliders/paragliders on Mauao; Considers the archaeological, cultural, ecological values of Mauao; 	\$100,000	MOU project fund	2018/2019	Ngā Poutiriao ō Mauao	Tauranga City Council Mauao Trust Heritage New Zealand LINZ Rock Climbing User Groups Bay of Plenty Paragliding and Hang Gliding Club	Project underway, partially completed, items yet to undertake are in bold red, no longer relevant are italicised blue, unsure in bold black
		In partnership with iwi, prepare developed and detailed designs, and obtain consent for all necessary components identified in the Interpretation Plan.	To be confirmed upon completion of overall Interpretation Plan	MOU project fund	2019/2020	Ngā Poutiriao ō Mauao	Tauranga City Council Mauao Trust Heritage New Zealand LINZ Rock Climbing User Groups Bay of Plenty Paragliding and Hang Gliding Club	Change timing
		Progressively implement Interpretation in accordance with the interpretation plan, developed designs and detailed designs, as resources permit.	To be confirmed upon completion of overall Interpretation Plan	MOU project fund	2019/2020 – 2020/2021	Ngā Poutiriao ō Mauao	Tauranga City Council Mauao Trust	Change timing
F3	Establish and implement a planting and restoration plan	Develop an overall restoration and planting plan for Mauao that: <ul style="list-style-type: none"> Identifies the most appropriate option for maintaining the grassed areas of the reserve and the integrity of the archaeological features present, including but not limited to: <ul style="list-style-type: none"> Areas that should be retired from sheep grazing Areas where sheep grazing is appropriate Areas where planting can occur to contribute to the restoration of the cloak of Mauao; Identifies trees and vegetation planted on archaeological features that pose a risk of damage to the archaeological feature; Identifies options to address trees and vegetation planted on archaeological features that pose a risk of damage to that archaeological feature; Identifies areas where planting of indigenous vegetation can help protect and/or enhance wāhi tapu sites, by either restricting public access or increasing public awareness of wāhi tapu sites on Mauao; Identifies areas where planting of indigenous vegetation will improve the water quality of those natural springs on Mauao; Identifies areas where planting of indigenous vegetation will enhance the habitat value of existing vegetation; Identifies vegetation for removal where this creates a fire hazard; Identifies the historical area of Karaka to be restored in accordance with the cultural assessment prepared by Boffa Miskell, 2014; <i>Includes a map of the areas to which the cloak of mauao relates.</i> 	\$20,000	MOU operational fund	2018/2019	Ngā Poutiriao ō Mauao	Tauranga City Council Mauao Trust Heritage New Zealand	Change timing
		Progressively implement the restoration and planting plan as resources permit.	Per annum amount to be confirmed upon completion of the restoration and planting plan.	MOU operational fund	2019/2020 – 2020/2021	Ngā Poutiriao ō Mauao	Tauranga City Council Mauao Trust	Change timing
		Initiate and support projects to restore the cloak of mauao that involve Tauranga Moana iwi.	Staff time only	MOU operational fund	2019/2020 – 2020/2022	Ngā Poutiriao ō Mauao	Ngā Poutiriao ō Mauao Tauranga City Council Mauao Trust	Change timing
F4	Establish and implement hand gliding and paragliding guidelines for Mauao	Work with the Bay of Plenty Hang Gliding and Paragliding Club to investigate options to establish hand gliding and paragliding guidelines, and identify take-off and landing sites on Mauao.	Staff time only	MOU operational fund	2018/2019	Bay of Plenty Hang Gliding and Paragliding Club	Tauranga City Council Mauao Trust	Completed
		Implement the hand gliding and paragliding guidelines.	NA	NA	2018/2019	Bay of Plenty Hang Gliding and Paragliding Club	Ngā Poutiriao ō Mauao Tauranga City Council Mauao Trust	Completed
F5	Establish and implement rock climbing guidelines for Mauao	Work with the rock climbing user groups to investigate options to establish rock climbing guidelines, including protection of psilotum nudum on Mauao.	Staff time only	MOU operational fund	2018/2019	Rock Climbing User Groups	Ngā Poutiriao ō Mauao Tauranga City Council Mauao Trust	Completed
		Implement the rock climbing guidelines.	NA	NA	2018/2019	Rock Climbing User Groups	Ngā Poutiriao ō Mauao Tauranga City Council Mauao Trust	Resolved - rock climbing banned on Mauao
F6	Establish and implement a restoration Plan of works for the Peace Monument	Establish a restoration plan for the peace monument located at the summit of Mauao.	NA	NA	2018/2019	Rotary Club of Tauranga	Ngā Poutiriao ō Mauao Tauranga City Council Mauao Trust	Project did not commence. Relevance to be discussed with Rotary Club of Tauranga.
		Implement the restoration plan for the peace monument located at the summit of Mauao.	NA	NA	2018/2019	Rotary Club of Tauranga	Ngā Poutiriao ō Mauao Tauranga City Council Mauao Trust	Project did not commence. Relevance to be discussed with Rotary Club of Tauranga.
F7	Investigate the establishment of a year round fire ban on Mauao	Investigate options to establish a year round total fire ban on Mauao, considering the most appropriate legal mechanism and the fire apparatus to be prohibited.	Staff time only	MOU operational fund	2018/2019	Ngā Poutiriao ō Mauao	Tauranga City Council Mauao Trust NZ Fire Service	Completed
F8	Investigate the establishment of a Mauao resting period	Investigate options to rest Mauao through restricting public access to the maunga, whilst not unduly restricting recreational opportunities to the Reserve.	\$15,000	MOU project fund	2019/2020	Ngā Poutiriao ō Mauao	Tauranga City Council Mauao Trust	Covid-19 Levels 3 and 4 provided a resting period. Further implementation in conjunction with track works. \$15,000 MIP 2018 estimate no longer necessary
F9	Establish and implement a Rock Stability Monitoring Programme	Establish a rock stability monitoring programme.	Staff time only	MOU operational fund	2020/2021	Ngā Poutiriao ō Mauao	Tauranga City Council Mauao Trust	Commenced prior to listed date. Ongoing programme.
		Implement the rock stability monitoring programme.	Per annum amount provided on contract	MOU operational fund	2020/2021	Ngā Poutiriao ō Mauao	Tauranga City Council Mauao Trust	Commenced prior to listed date. Ongoing programme.

