

COASTAL MANAGEMENT BUDGET - LTP SUBMISSION FOR DELIBERATION

Item	INVESTIGATIONS - Description	2018-2019 (\$)	2019-2020 (\$)	2020-2021 (\$)	Additional Information
1	Identifying and assessing coastal hazard risk (inundation, erosion, climate change impacts): whole peninsula	196,000	250,000	125,000	Coastal Hazard, Climate Change, Erosion. Impact Analysis. Do-Nothing. More accurate inundation tool (WRC)
2	Develop a work programme which identifies and prioritizes risk: Shoreline Management Plans - Communication Plans	112,000	300,000	300,000	Modelling, analysis, options development (concept), costing and allocation of charges
3	Identify risk to the health of our rivers and stream effects our coastline + monitoring programme	56,000	75,000	30,000	WRC Lead - TCDC, Iwi and the community
4	Waste and storm water disposal environmental impact on our coastal environment; risk identification and communicate + monitoring programme	67,200	75,000	35,000	Minimise discharge
5	Investigate and analyze sedimentation matters and mangroves management; estuaries and harbours	67,200	75,000	35,000	Development of Mangrove Management Plan; engage with communities, tangata whenua and WRC on implementation
6	Development of community plans, out of the shoreline management plans: in conjunction with NZTA, Waikato Regional Council, DoC, Iwi and others	42,000	120,000	175,000	Consultation, options development (concepts) and costing; outcome from Item 1 and 2
7	Work with Civil Defence on Emergency Management Planning: mapping and consultation	5,600	15,000	10,000	Development of evacuation plans based on inundation tool, outcome of tsunami mapping plus consultation (WRC)
8	Validation of Coastal Assets Data	8,400	7,500	5,000	Site visits and external support
9	Include coastal hazards on LIMS	0	3,500	5,000	Website development and consultation
10	Build and strengthen partnerships with tangata whenua: enhance and protecting our coastal environment, protection of Wahi Tapu and recognition of sites of significance to Iwi ("Iwi Management Plans")	1,120	7,500	10,000	Consultation and development of "Plans" (area specific); website development and publications, outcomes from Items 1, 2 and 6
11	Enhancement of Amenity values: public access to beaches, rivers, estuaries, harbours and wharfs: Independent Health & Safety Assessment / Audit of all wharfs / boat ramps and others	47,600	65,000	50,000	Specific outcomes from Items 1 and 2: H&S Essential (all), further upgrade developments of boat ramps and wharfs; design, costing
12	Legalization of TCDC Coastal Assets	25,200	30,000	15,000	Resource Consents (boat ramps, etc.) and NZTA License to Occupy
13	Investigation, design and resource consent applications, e.g. east and west coast boat ramps, unexpected items for immediate action	19,600	50,000	40,000	Immediate actions following above activities which haven't been clearly identified yet
14	Review of existing resource consents (monitor and new) for coastal infrastructure activities	11,200	15,000	10,000	External resource requirement
TOTAL		659,120	1,088,500	845,000	