

**Detailed Break-up**

1	Repair of the Beach Road	Length (km)	Unit Cost	Unit	Total Cost	Total Cost in Cr.
a	Renewal of B.T. road from Fishing harbour to NTR statue including laying of BM and SDBC and tack coats without footpaths (Zone III)	3	10,000,000	km	30,000,000	3.00
b	Construction of RCC Retaining Wall over pile foundations and road repair work along Beach road near Kurusura Museum (from Naval Canteen to Gokul Park) (Zone III)	1.135	300,000,000	km	340,500,000	34.05
c	Repair and renewal of existing damaged roads including footpaths, central dividers, cross-drainage including road marking and painting					
	From NTR statue to Appu ghar near Kailashgiri	4.5	15,000,000	km	67,500,000	6.75
	From Siripuram junction to Park Hotel	3	15,000,000	km	45,000,000	4.50
	From Siripuram junction to Kurupam Towers	3	15,000,000	km	45,000,000	4.50
	From Isakathota to Appu ghar	3	15,000,000	km	45,000,000	4.50
	Sub-Total				573,000,000	57.30

2	Drains and outlets (repair of physical infrastrcure for drainage, treatment of the water and re-use in parks and gardens)	Quantity	Unit Cost	Unit	Total Cost	Total Cost in Cr.
a	Regularization of Oota geda storm water drain from Chakalipeta to R. K. Beach (in Zone III)	1.5	22,733,333	km.	34,100,000	
b	Regularisation of other drain outlets into the sea (5 in Zone II, and 5 in Zone I and Bheemili)	10	22,733,333	No.	227,333,333	
c	Repair of drains along the Beach Road on both sides (about 15 km needs repair out of 74 km)	15	6,900,000	km	103,500,000	
d	Construction of cross culvert at Naval Canteen				10,000,000	
	Sub-Total				374,933,333	37.49

3	Sewerage	Total Cost in Cr.
a	Repair works to 1 STP in Zone II	8.5
b	Repair and rehabilitation of two sewage pumping stations in Zone II	1.5
c	Inter connecting sewer lines, to channelise the sewage into the two existing pumping stations and to divert the sewage flowing directly into sea in Zone III and II.	1.00
	Sub-Total	11.00

4	Parks	Description		Zone	Total Cost in Cr.
a	Coastal Battery to Gokul Park	380 m long and 50 m wide = 4.69 acre		Zone III	3.00
b	Gokul Park	2 acre		Zone III	0.85
c	Sandstone Beach Park	3 acre		Zone III	0.30
d	Children's Park (opp Novoltel)	2 acre		Zone III	0.25
e	R K Beach Park	1 acre		Zone II	0.25
f	Panduranga Beach Park/ Navy Park (including repair and reconstruction of damaged retaining walls around the park)	1 acre		Zone II	1.75
g	YMCA junction/ BOY park (including repair and reconstruction of damaged retaining walls around the park)	1 acre		Zone II	1.75
h	Dutch Layout Park	2 acre		Zone II	1.80
i	L. B. Beach park (including repair and reconstruction of damaged retaining walls around the park)	5.25 acre		Zone II	6.03
j	Lumbini Park (including repair and reconstruction of damaged retaining walls around the park)	3.57 acre		Zone II	2.60
k	Shivaji Park	16.52 acre		Zone II	2.25
l	Sagarnagar Beach Front	6 acre		Zone I	7.50
q	Restoration of Submarine museum park	1.8 acre	implemented by VUDA	Zone II	6.25
r	VUDA park	59 acre	implemented by VUDA	Zone II	12.40
s	Tenneti and Beach park	10 acre	implemented by VUDA	Zone I	2.00
t	Kailash Giri with Restoration of Telugu Museum & Health arena	90 acre	implemented by VUDA	Zone I	19.40
v	Bhimli (Gokul) Park	3 acre		Bhimli	8.00
	Sub-Total				76.38

5	Pedestrian walkways	Quantity	Unit Cost	Unit	Total Cost	Total Cost in Cr.
a	Restoration (some parts in Zone II and I) includes cross-drainage, paver blocks	8	7000000	km	56,000,000	
b	New pathways (beyond Visalakshminagar to Bhimili in Zone I) Out of 34 km, 8 km required only near beaches X 2 sides	8	12000000	km	96,000,000	
	Sub-Total				152,000,000	15.20

6	Dwarf wall	Quantity	Unit Cost	Unit	Total Cost	Total Cost in Cr.
a	Restoration (in parts in all zones)	2	2000000	km	4,000,000	
b	Construction of new dwarf wall in selected areas	8	4000000	km	32,000,000	
	Sub-Total				36,000,000	3.60

7	Street Furniture (partly in Zone II and completely in Zone I)	Quantity	Unit Cost	Unit	Total Cost	Total Cost in Cr.
a	Public Toilets (pay and use)	30	150000	no.	4,500,000	
b	Dustbins	200	5000	no.	1,000,000	
c	Garbage stations	40	50000	no.	2,000,000	
d	Garden benches	1000	12000	no.	12,000,000	
e	Lollipops (mini advertisement boards) and signage	100	25000	no.	2,500,000	
f	Bus queue shelter	20	200000	no.	4,000,000	
	Sub-Total				26,000,000	2.60

8	Street and beach lighting	Location	Unit Cost	Unit	Total Cost	Total Cost in Cr.
a	Street and beach lighting 6 locations covering all zones @ 50 high mast and ornamental lights in every 2 km	6	15000000	no.	90,000,000	
	Sub-Total				90,000,000	9.00

9	Landscaping on road dividers and traffic islands	Stretch	Zone	Total Cost in Cr.
a	Road central divider from coastal battery junction to R K Beach junction	1 km	Zone III	0.18
b	Road central divider from R K Beach junction to STP junction, MVP road	5 km	Zone II	0.38
c	From Sagarnagar to Mangamaripeta Beach road	24km	Zone I	1.50
d	Traffic islands at 10 junctions		All zones	0.60
	Sub-Total			2.66

10	Renovation of Historic & damaged buildings	Zone	Total Cost in Cr.
a	Old Municipal office	Zone III	2.23
b	Town Hall	Zone III	3.00
c	Aqua Sports Complex	Zone II	2.81
d	Rajiv Smriti Bhawan	Zone II	8.00
e	GVMC Guest House	Zone II	7.00
f	Visakha museum	Zone II	1.00
g	GVMC mee seva centre	Zone II	1.50
h	Community Halls in fishermen colonies (8 nos.: 2 in Zone III and 6 in Zone II)	All Zones	2.00
	Sub-Total		27.54