

**Improvement to Mokhada-Kasara-Dolkhamb-Tokawade-vaishakhare-Mhasa Road SH 78 Km.44/000 to 130/540 Tal.Shahapur & Murbad  
Dist. Thane hybrid Annuity Basis Package No.MU-5**

Item	Stage for measurement for physical progress	Unit	Qty.	Weightage in percentage to the Contract	Amount as Tender (In Cr.)	Physical Work	Physical Progress in %	Financial Progress (Amount)	Financial Progress in %	Remarks
Road works including culverts, minor bridges, underpasses, overpasses, approaches to ROB/RUB/ Major Bridges/ Structures (but excluding service roads)	<b>A- Widening and strengthening of existing road</b>									
	<b>1- Earthwork upto the Subgrade</b>	Km.	80.35	4.53	6.31	25.33	1.43	1.99	1.43	
	<b>2- Granular Work Subbase,base Shoulder)</b>	Km.			-					
	(a) GSB	Km.	80.35	20.02	27.87	24.90	6.20	8.64	6.20	
	(b) WMM	Km.	80.35	13.15	18.31	18.10	2.96	4.12	2.96	
	<b>(3) Shoulders</b>	Km.	80.35	0.90	1.25		-	-	-	
	<b>(4) Bituminous work</b>	Km.			-					
	(a) BM	Km.	78.79	1.79	2.49	10.36	0.24	0.33	0.24	
	(b) DBM	Km.	78.79	15.76	21.94	10.36	2.07	2.89	2.07	
	(c) BC	Km.	78.79	8.27	11.51		-	-	-	
	<b>(5) Rigid Pavement</b>	Km.			-					
	Concrete work	Km.	1.56	5.33	7.42		-	-	-	
	<b>C- New culverts, minor bridges,underpasses, overpasses</b>				-					
	(1) Culverts	Nos.	240.00	6.41	8.92	49.00	1.31	1.82	1.31	
	(2) Minor bridges	Nos.	12.00							
	(a) Foundation	Nos.	39.00	0.64	0.89	7.00	0.11	0.16	0.11	
	(b) Sub-structure	Nos.	39.00	3.45	4.80	3.00	0.27	0.37	0.27	
	(c) Super-structure (including crash barriers etc.	Nos.	27.00	1.75	2.44	2.00	0.13	0.18	0.13	
	3) Cattle/Pedestrian underpasses/Slab	Nos.	9.00		-					
	(a) Foundation	Nos.	18.00	0.19	0.26	2.00	0.02	0.03	0.02	
	(b) Sub-structure	Nos.	18.00	1.27	1.77	2.00	0.14	0.20	0.14	

	(c) Super-structure (including crash barriers etc.	Nos.	9.00	0.80	1.11	1.00	0.09	0.12	0.09	
<b>Major Bridge works and ROB/RUB</b>	<b>A- Widening and repairs of Major Bridges</b>	Nos.	1.00		-					
	(2) Sub-structure	Nos.	9.00	0.19	0.26		-	-	-	
	(3) Super-structure (including	Nos.	10.00	0.06	0.08		-	-	-	
	<b>C- New Major Bridges</b>	Nos.			-					
	1) Foundation	Nos.	1.00		-					
	(a) Open Foundation	Nos.	6.00	0.20	0.28		-	-	-	
	(b) Pile Foundation/Well Foundation	Nos.			-					
	(2) Sub-structure	Nos.	6.00	0.70	0.97		-	-	-	
	(3) Super-structure (including crash barriers etc. complete)	Nos.	5.00	0.46	0.64		-	-	-	
	<b>(iv) Road signs, markings, km stones, safety devices,.</b>				-					
	(a) Road signs, markings, km stones, ....	Km.	80.35	1.41	1.96		-	-	-	
	(b) Concrete Crash Barrier/ W- Beam Crash Barrier in Road work	Km.	11.06	4.41	6.14		-	-	-	
	<b>(v) Project facilities</b>				-					
	(a) Bus bays	Nos.	26.00	1.20	1.67		-	-	-	
	(vii) Road side plantation	Km.	80.35	0.39	0.54		-	-	-	
	(b) Toe/Retaining wall	Km.	2.82	5.38	7.49		-	-	-	
	(x) Miscellaneous (Site clearance, Quality Control, Crust removal/ scarifying, Tree cutting, Arboriculture etc.)	Lump Sum	1.00	1.34	1.87	0.23	0.31	0.43	0.31	
<b>Total</b>				<b>100.00</b>	<b>139.22</b>		<b>15.28</b>	<b>21.27</b>	<b>15.28</b>	