

**Rensselaer Polytechnic Institute**  
**Cost Estimate Summary: Three Years**  
**Period: (9/1/17 - 8/31/20)**

**Proposal No. 9510**

**Mar-17**

	<b>Year One</b>	<b>Year Two</b>	<b>Year Three</b>	<b>Total</b>	
<b>PERSONNEL</b>					
Principal Investigator (K. Kar) summer - 1 wk @ 100%					208S
Co-Principal Investigator (S. Mishra) summer - 1 wk @ 100%					208S
Graduate Research Assistant(s) tuition (1, 2, 2)	33,150	68,952	71,711	173,813	186
stipend (1, 2, 2)	29,333	61,004	63,444	153,781	292
<b>TOTAL PERSONNEL PAYMENTS</b>	<b>\$68,701</b>	<b>\$136,299</b>	<b>\$141,625</b>	<b>\$346,625</b>	
<b>FRINGE BENEFITS @ 38.7%</b>	2,406	2,455	2,504	7,365	230
<b>EQUIPMENT</b>					
See Budget Justification	10,000	0	0	10,000	173/176
<b>TRAVEL</b>					
Domestic:	2,500	2,500	2,500	7,500	111
Foreign:	2,500	2,500	2,500	7,500	121
<b>OTHER DIRECT COSTS</b>					
Lab Supplies	0	0	0	0	002
<b>TOTAL DIRECT COSTS</b>	<b>\$86,107</b>	<b>\$143,754</b>	<b>\$149,129</b>	<b>\$378,990</b>	
INDIRECT COSTS @ 62%	26,633	46,377	47,999	121,009	196/197
<b>TOTAL PROJECT COSTS</b>	<b>\$112,740</b>	<b>\$190,131</b>	<b>\$197,128</b>	<b>\$499,999</b>	
MTDC	\$42,957	\$74,802	\$77,418	\$195,177	
35% Tuition	\$17,850	\$37,128	\$38,613	\$93,591	