

ITEMIZED BUDGET FOR TASK 1

June 1, 2014 - July 31, 2014

Proposal Title: Best Practices for the Design, Evaluation, and Quality Control of High Percentage RAP Mixes

Solicitation Number: 4800008014

PTI Proposal Number: 55-2014

The itemized budget for estimated cost presented below is based on 2 months.

Budget starts with fiscal year

Budget starts with fiscal year												
2013												
		# of Months Year 1	# of Months Year 2	Total # of Months	% of Time	Person Hours	Monthly Rate	Year 1	Year 2	Total		
SALARIES												
A. Category I Salaries												
Semester												
	Solaimanian, Mansour	AY	1.0	1.0	2.0	@	2.5	8.0	\$10,020	\$251	\$257	\$508
	Milander, Scott	AY	1.0	1.0	2.0	@	2.5	8.0	\$3,123	\$78	\$80	\$158
		AY	0.0	0.0	0.0	@	0.0	0.0		\$0	\$0	\$0
Total Category I Salaries										\$329	\$337	\$666
B. Category II Salaries												
Appointment Type												
No.		Grade										
0	Grad Assistant (FA/SP)	0	0.0	0.0	0.0	@	0.0	0.0	N/A	\$0	\$0	\$0
0	Grad Assistant (SUMMER)	0	0.0	0.0	0.0	@	0.0	0.0	N/A	\$0	\$0	\$0
			0.0	0.0	0.0			0.0		\$0	\$0	\$0
C. Category III Salaries												
% of Time												
No.									Hourly Rate			
1	Wage Payroll		1.0	1.0	2.0	@	12.5	40.0	\$18	\$360	\$369	\$729
1	Wage Payroll		1.0	1.0	2.0	@	3.1	10.0	\$18	\$90	\$92	\$182
Monthly Rate												
0	Post Doctoral Scholars		0.0	0.0	0.0	@	0.0	0.0	\$0	\$0	\$0	\$0
0	Graduate Researcher		0.0	0.0	0.0	@	0.0	0.0	\$0	\$0	\$0	\$0
0	Visiting Faculty		0.0	0.0	0.0	@	0.0	0.0	\$0	\$0	\$0	\$0
Total Category III Salaries			2.0	2.0	4.0			50.0		\$450	\$461	\$911
Total Salaries										\$779	\$798	\$1,577
FRINGE BENEFITS												
36.5% of Category I Salaries										\$120	\$123	\$243
13.2% of Category II Salaries										\$0	\$0	\$0
7.9% of Category III Salaries										\$36	\$36	\$72
Total Fringe Benefits										\$156	\$159	\$315
EQUIPMENT (over \$5,000)										\$0	\$0	\$0
TRAVEL												
In Country										\$150	\$0	\$150
Out of Country										\$0	\$0	\$0
TOTAL TRAVEL										\$150	\$0	\$150
MATERIALS & SUPPLIES										\$0	\$0	\$0
CONSULTANTS										\$0	\$0	\$0
SUBCONTRACTS												
Less than \$25,000										\$0	\$0	\$0
Over \$25,000										\$0	\$0	\$0
TOTAL SUBCONTRACTS										\$0	\$0	\$0
REPORTS										\$0	\$0	\$0
COMMUNICATIONS										\$0	\$0	\$0
EQUIPMENT USAGE										\$0	\$0	\$0
EQUIPMENT MAINTENANCE										\$0	\$0	\$0
SOFTWARE										\$0	\$0	\$0
MISCELLANEOUS ITEMS										\$0	\$0	\$0
PURCHASED SERVICES										\$0	\$0	\$0
GRADUATE STUDENT TUITION REMISSION										\$0	\$0	\$0
TOTAL DIRECT COST										\$1,085	\$957	\$2,042
FACILITIES AND ADMINISTRATION (INDIRECT COSTS)										\$537	\$474	\$1,011
49.5% of Modified Total Direct Costs												
ESTIMATED COST										\$1,622	\$1,431	\$3,053
UNIVERSITY PARTICIPATION										\$0	\$0	\$0
TOTAL REQUESTED COST										\$1,622	\$1,431	\$3,053

July 1, 2014 - August 31, 2014

Proposal Title: Best Practices for the Design, Evaluation, and Quality Control of High Percentage RAP Mixes
Solicitation Number: 4800008014

The itemized budget for estimated cost presented below is based on 2 months.

Budget starts with fiscal year

Budget starts with fiscal year											
		2013									
		# of Months	# of Months	Total # of Months	% of Time	Person Hours	Monthly Rate	Year 1	Year 2	Total	
		Year 1	Year 2								
SALARIES											
A. Category I Salaries											
		<u>Semester</u>									
	Solaimanian, Mansour	AY	0.0	2.0	2.0 @	12.5	40.0	\$10,020	\$0	\$2,568	\$2,568
	Milander, Scott	AY	0.0	2.0	2.0 @	7.5	24.0	\$3,123	\$0	\$480	\$480
		AY	0.0	0.0	0.0 @	0.0	0.0		\$0	\$0	\$0
Total Category I Salaries									\$0	\$3,048	\$3,048
B. Category II Salaries											
<u>No.</u>		<u>Grade</u>				<u>Appointment Type</u>					
0	Grad Assistant (FA/SP)	0	0.0	0.0	0.0 @	0.0	0.0	N/A	\$0	\$0	\$0
0	Grad Assistant (SUMMER)	0	0.0	0.0	0.0 @	0.0	0.0	N/A	\$0	\$0	\$0
			0.0	0.0	0.0		0.0		\$0	\$0	\$0
C. Category III Salaries											
<u>No.</u>						<u>% of Time</u>		<u>Hourly Rate</u>			
1	Wage Payroll		0.0	2.0	2.0 @	12.5	40.0	\$18	\$0	\$738	\$738
1	Wage Payroll		0.0	2.0	2.0 @	3.1	10.0	\$18	\$0	\$185	\$185
<u>No.</u>								<u>Monthly Rate</u>			
0	Post Doctoral Scholars		0.0	0.0	0.0 @	0.0	0.0	\$0	\$0	\$0	\$0
0	Graduate Researcher		0.0	0.0	0.0 @	0.0	0.0	\$0	\$0	\$0	\$0
0	Visiting Faculty		0.0	0.0	0.0 @	0.0	0.0	\$0	\$0	\$0	\$0
Total Category III Salaries									\$0	\$923	\$923
Total Salaries									\$0	\$3,971	\$3,971
FRINGE BENEFITS											
36.5% of Category I Salaries									\$0	\$1,113	\$1,113
13.2% of Category II Salaries									\$0	\$0	\$0
7.9% of Category III Salaries									\$0	\$73	\$73
Total Fringe Benefits									\$0	\$1,186	\$1,186
EQUIPMENT (over \$5,000)									\$0	\$0	\$0
TRAVEL											
In Country									\$0	\$1,000	\$1,000
Out of Country									\$0	\$0	\$0
TOTAL TRAVEL									\$0	\$1,000	\$1,000
MATERIALS & SUPPLIES									\$0	\$0	\$0
CONSULTANTS									\$0	\$0	\$0
SUBCONTRACTS											
Less than \$25,000									\$0	\$0	\$0
Over \$25,000									\$0	\$0	\$0
TOTAL SUBCONTRACTS									\$0	\$0	\$0
REPORTS									\$0	\$0	\$0
COMMUNICATIONS									\$0	\$0	\$0
EQUIPMENT USAGE									\$0	\$0	\$0
EQUIPMENT MAINTENANCE									\$0	\$0	\$0
SOFTWARE									\$0	\$0	\$0
MISCELLANEOUS ITEMS									\$0	\$0	\$0
PURCHASED SERVICES									\$0	\$800	\$800
GRADUATE STUDENT TUITION REMISSION									\$0	\$0	\$0
TOTAL DIRECT COST									\$0	\$6,957	\$6,957
FACILITIES AND ADMINISTRATION (INDIRECT COSTS)									\$0	\$3,444	\$3,444
49.5% of Modified Total Direct Costs											
ESTIMATED COST									\$0	\$10,401	\$10,401
UNIVERSITY PARTICIPATION									\$0	\$0	\$0
TOTAL REQUESTED COST									\$0	\$10,401	\$10,401

ITEMIZED BUDGET FOR TASK 3

September 1, 2014 - February 28, 2015

Proposal Title: Best Practices for the Design, Evaluation, and Quality Control of High Percentage RAP Mixes
Solicitation Number: 4800008014

The itemized budget for estimated cost presented below is based on 6 months.

Budget starts with fiscal year

		2013											
		# of	# of	Total									
		Months	Months	# of	% of	Person	Monthly	Year 1	Year 2	Total			
		Year 1	Year 2	Months	Time	Hours	Rate						
SALARIES													
A. Category I Salaries													
		<u>Semester</u>											
Solaimanian, Mansour		AY	0.0	6.0	6.0	@	8.3	80.0	\$10,020	\$0	\$5,133	\$5,133	
Milander, Scott		AY	0.0	6.0	6.0	@	3.3	32.0	\$3,123	\$0	\$640	\$640	
		AY	0.0	0.0	0.0	@	0.0	0.0		\$0	\$0	\$0	
Total Category I Salaries										\$0	\$5,773	\$5,773	
B. Category II Salaries													
		<u>Grade</u>				<u>Appointment</u>							
						<u>Type</u>							
No.		0	0.0	0.0	0.0	@	0.0	0.0	N/A	\$0	\$0	\$0	
0	Grad Assistant (SUMMER)	0	0.0	0.0	0.0	@	0.0	0.0	N/A	\$0	\$0	\$0	
			0.0	0.0	0.0			0.0		\$0	\$0	\$0	
C. Category III Salaries													
						<u>% of</u>				<u>Hourly Rate</u>			
						<u>Time</u>							
1	Wage Payroll		0.0	6.0	6.0	@	4.2	40.0	\$18	\$0	\$739	\$739	
1	Wage Payroll		0.0	6.0	6.0	@	1.0	10.0	\$18	\$0	\$184	\$184	
No.										<u>Monthly Rate</u>			
0	Post Doctoral Scholars		0.0	0.0	0.0	@	0.0	0.0	\$0	\$0	\$0	\$0	
0	Graduate Researcher		0.0	0.0	0.0	@	0.0	0.0	\$0	\$0	\$0	\$0	
0	Visiting Faculty		0.0	0.0	0.0	@	0.0	0.0	\$0	\$0	\$0	\$0	
Total Category III Salaries										\$0	\$923	\$923	
Total Salaries										\$0	\$6,696	\$6,696	
FRINGE BENEFITS													
36.5% of Category I Salaries										\$0	\$2,107	\$2,107	
13.2% of Category II Salaries										\$0	\$0	\$0	
7.9% of Category III Salaries										\$0	\$73	\$73	
Total Fringe Benefits										\$0	\$2,180	\$2,180	
EQUIPMENT (over \$5,000)										\$0	\$0	\$0	
TRAVEL													
In Country										\$0	\$1,200	\$1,200	
Out of Country										\$0	\$0	\$0	
TOTAL TRAVEL										\$0	\$1,200	\$1,200	
MATERIALS & SUPPLIES										\$0	\$0	\$0	
CONSULTANTS										\$0	\$0	\$0	
SUBCONTRACTS													
Less than \$25,000										\$0	\$0	\$0	
Over \$25,000										\$0	\$0	\$0	
TOTAL SUBCONTRACTS										\$0	\$0	\$0	
REPORTS										\$0	\$0	\$0	
COMMUNICATIONS										\$0	\$0	\$0	
EQUIPMENT USAGE										\$0	\$0	\$0	
EQUIPMENT MAINTENANCE										\$0	\$0	\$0	
SOFTWARE										\$0	\$0	\$0	
MISCELLANEOUS ITEMS										\$0	\$0	\$0	
PURCHASED SERVICES										\$0	\$1,600	\$1,600	
GRADUATE STUDENT TUITION REMISSION										\$0	\$0	\$0	
TOTAL DIRECT COST										\$0	\$11,676	\$11,676	
FACILITIES AND ADMINISTRATION (INDIRECT COSTS)										\$0	\$5,780	\$5,780	
49.5% of Modified Total Direct Costs													
ESTIMATED COST										\$0	\$17,456	\$17,456	
UNIVERSITY PARTICIPATION										\$0	\$0	\$0	
TOTAL REQUESTED COST										\$0	\$17,456	\$17,456	

ITEMIZED BUDGET FOR TASK 4

March 1, 2015 - April 30, 2015

Proposal Title: Best Practices for the Design, Evaluation, and Quality Control of High Percentage RAP Mixes
Solicitation Number: 4800008014

The itemized budget for estimated cost presented below is based on 0 months.

Budget starts with fiscal year

Budget starts with fiscal year													
		2013											
		# of	# of	Total									
		Months	Months	# of	% of	Person	Monthly	Year 1	Year 2	Total			
		Year 1	Year 2	Months	Time	Hours	Rate						
SALARIES													
A. Category I Salaries													
		Semester											
	Solaimanian, Mansour	AY	0.0	2.0	2.0	@	10.0	32.0	\$10,020	\$0	\$2,054	\$2,054	
	Milander, Scott	AY	0.0	0.0	0.0	@	0.0	0.0	\$3,123	\$0	\$0	\$0	
		AY	0.0	0.0	0.0	@	0.0	0.0		\$0	\$0	\$0	
Total Category I Salaries									\$0	\$2,054	\$2,054		
B. Category II Salaries													
No.		Grade				Appointment							
						Type							
0	Grad Assistant (FA/SP)	0	0.0	0.0	0.0	@	0.0	0.0	N/A	\$0	\$0	\$0	
0	Grad Assistant (SUMMER)	0	0.0	0.0	0.0	@	0.0	0.0	N/A	\$0	\$0	\$0	
			0.0	0.0	0.0			0.0		\$0	\$0	\$0	
C. Category III Salaries													
No.						% of			Hourly Rate				
						Time							
1	Wage Payroll		0.0	2.0	2.0	@	7.5	24.0	\$18	\$0	\$443	\$443	
1	Wage Payroll		0.0	2.0	2.0	@	7.5	24.0	\$18	\$0	\$443	\$443	
No.									Monthly Rate				
0	Post Doctoral Scholars		0.0	0.0	0.0	@	0.0	0.0	\$0	\$0	\$0	\$0	
0	Graduate Researcher		0.0	0.0	0.0	@	0.0	0.0	\$0	\$0	\$0	\$0	
0	Visiting Faculty		0.0	0.0	0.0	@	0.0	0.0	\$0	\$0	\$0	\$0	
Total Category III Salaries									0.0	4.0	4.0		
Total Salaries											\$0	\$2,940	\$2,940
FRINGE BENEFITS													
36.5% of Category I Salaries										\$0	\$750	\$750	
13.2% of Category II Salaries										\$0	\$0	\$0	
7.9% of Category III Salaries										\$0	\$70	\$70	
Total Fringe Benefits										\$0	\$820	\$820	
EQUIPMENT (over \$5,000)										\$0	\$0	\$0	
TRAVEL													
In Country										\$0	\$0	\$0	
Out of Country										\$0	\$0	\$0	
TOTAL TRAVEL										\$0	\$0	\$0	
MATERIALS & SUPPLIES										\$0	\$0	\$0	
CONSULTANTS										\$0	\$0	\$0	
SUBCONTRACTS													
Less than \$25,000										\$0	\$0	\$0	
Over \$25,000										\$0	\$0	\$0	
TOTAL SUBCONTRACTS										\$0	\$0	\$0	
REPORTS										\$0	\$0	\$0	
COMMUNICATIONS										\$0	\$0	\$0	
EQUIPMENT USAGE										\$0	\$0	\$0	
EQUIPMENT MAINTENANCE										\$0	\$0	\$0	
SOFTWARE										\$0	\$0	\$0	
MISCELLANEOUS ITEMS										\$0	\$0	\$0	
PURCHASED SERVICES										\$0	\$1,600	\$1,600	
GRADUATE STUDENT TUITION REMISSION										\$0	\$0	\$0	
TOTAL DIRECT COST										\$0	\$5,360	\$5,360	
FACILITIES AND ADMINISTRATION (INDIRECT COSTS)										\$0	\$2,653	\$2,653	
49.5% of Modified Total Direct Costs													
ESTIMATED COST										\$0	\$8,013	\$8,013	
UNIVERSITY PARTICIPATION										\$0	\$0	\$0	
TOTAL REQUESTED COST										\$0	\$8,013	\$8,013	

ITEMIZED BUDGET FOR TASK 5

March 1, 2015 - April 30, 2015

Proposal Title: Best Practices for the Design, Evaluation, and Quality Control of High Percentage RAP Mixes
Solicitation Number: 4800008014

The itemized budget for estimated cost presented below is based on 2 months.

Budget starts with fiscal year

Budget starts with fiscal year											
2013											
</											

ITEMIZED BUDGET FOR TASK 6

April 1, 2015 - April 30, 2015

Proposal Title: Best Practices for the Design, Evaluation, and Quality Control of High Percentage RAP Mixes
Solicitation Number: 4800008014

The itemized budget for estimated cost presented below is based on 1 months.

Budget starts with fiscal year

Budget starts with fiscal year												
		2013										
		# of	# of	Total								
		Months	Months	# of	% of	Person	Monthly	Year 1	Year 2	Total		
		Year 1	Year 2	Months	Time	Hours	Rate					
SALARIES												
A. Category I Salaries												
		Semester										
	Solaimanian, Mansour	AY	0.0	1.0	1.0	@	20.0	32.0	\$10,020	\$0	\$2,054	\$2,054
	Milander, Scott	AY	0.0	1.0	1.0	@	10.0	16.0	\$3,123	\$0	\$320	\$320
		AY	0.0	0.0	0.0	@	0.0	0.0		\$0	\$0	\$0
Total Category I Salaries									\$0	\$2,374	\$2,374	
B. Category II Salaries												
No.		Grade				Appointment						
						Type						
0	Grad Assistant (FA/SP)	0	0.0	0.0	0.0	@	0.0	0.0	N/A	\$0	\$0	\$0
0	Grad Assistant (SUMMER)	0	0.0	0.0	0.0	@	0.0	0.0	N/A	\$0	\$0	\$0
			0.0	0.0	0.0			0.0		\$0	\$0	\$0
C. Category III Salaries												
No.						% of			Hourly Rate			
						Time						
0	Wage Payroll		0.0	0.0	0.0	@	0.0	0.0	\$0	\$0	\$0	\$0
0	Wage Payroll		0.0	0.0	0.0	@	0.0	0.0	\$0	\$0	\$0	\$0
No.									Monthly Rate			
0	Post Doctoral Scholars		0.0	0.0	0.0	@	0.0	0.0	\$0	\$0	\$0	\$0
0	Graduate Researcher		0.0	0.0	0.0	@	0.0	0.0	\$0	\$0	\$0	\$0
0	Visiting Faculty		0.0	0.0	0.0	@	0.0	0.0	\$0	\$0	\$0	\$0
Total Category III Salaries									\$0	\$0	\$0	
Total Salaries									\$0	\$2,374	\$2,374	
FRINGE BENEFITS												
36.5% of Category I Salaries									\$0	\$867	\$867	
13.2% of Category II Salaries									\$0	\$0	\$0	
7.9% of Category III Salaries									\$0	\$0	\$0	
Total Fringe Benefits									\$0	\$867	\$867	
EQUIPMENT (over \$5,000)									\$0	\$0	\$0	
TRAVEL												
In Country									\$0	\$150	\$150	
Out of Country									\$0	\$0	\$0	
TOTAL TRAVEL									\$0	\$150	\$150	
MATERIALS & SUPPLIES									\$0	\$0	\$0	
CONSULTANTS									\$0	\$0	\$0	
SUBCONTRACTS												
Less than \$25,000									\$0	\$0	\$0	
Over \$25,000									\$0	\$0	\$0	
TOTAL SUBCONTRACTS									\$0	\$0	\$0	
REPORTS									\$0	\$0	\$0	
COMMUNICATIONS									\$0	\$0	\$0	
EQUIPMENT USAGE									\$0	\$0	\$0	
EQUIPMENT MAINTENANCE									\$0	\$0	\$0	
SOFTWARE									\$0	\$0	\$0	
MISCELLANEOUS ITEMS									\$0	\$0	\$0	
PURCHASED SERVICES									\$0	\$400	\$400	
GRADUATE STUDENT TUITION REMISSION									\$0	\$0	\$0	
TOTAL DIRECT COST									\$0	\$3,791	\$3,791	
FACILITIES AND ADMINISTRATION (INDIRECT COSTS)									\$0	\$1,877	\$1,877	
49.5% of Modified Total Direct Costs												
ESTIMATED COST									\$0	\$5,668	\$5,668	
UNIVERSITY PARTICIPATION									\$0	\$0	\$0	
TOTAL REQUESTED COST									\$0	\$5,668	\$5,668	

ITEMIZED BUDGET FOR TASK 7

May 1, 2015 - May 31, 2015

Proposal Title: Best Practices for the Design, Evaluation, and Quality Control of High Percentage RAP Mixes
Solicitation Number: 4800008014

The itemized budget for estimated cost presented below is based on 1 months.

Budget starts with fiscal year

Budget starts with fiscal year										
		2013								
		# of	# of	Total						
		Months	Months	# of	% of	Person	Monthly	Year 1	Year 2	Total
		Year 1	Year 2	Months	Time	Hours	Rate			
SALARIES										
A. Category I Salaries										
		Semester								
		AY	0.0	1.0	1.0	@	15.0	24.0	\$10,020	\$0 \$1,541 \$1,541
		AY	0.0	1.0	1.0	@	5.0	8.0	\$3,123	\$0 \$160 \$160
		AY	0.0	0.0	0.0	@	0.0	0.0		\$0 \$0 \$0
Total Category I Salaries									\$0 \$1,701	\$1,701
B. Category II Salaries										
		Grade Appointment								
						Type				
No.		0	0.0	0.0	0.0	@	0.0	0.0	N/A	\$0 \$0 \$0
0		0	0.0	0.0	0.0	@	0.0	0.0	N/A	\$0 \$0 \$0
			0.0	0.0	0.0			0.0		\$0 \$0 \$0
C. Category III Salaries										
		Grade Appointment								
						Type				
No.		0	0.0	0.0	0.0	@	0.0	0.0	N/A	\$0 \$0 \$0
0		0	0.0	0.0	0.0	@	0.0	0.0	N/A	\$0 \$0 \$0
			0.0	0.0	0.0			0.0		\$0 \$0 \$0
D. Category III Salaries										
		Grade Appointment								
						Type				
No.		0	0.0	0.0	0.0	@	0.0	0.0	N/A	\$0 \$0 \$0
0		0	0.0	0.0	0.0	@	0.0	0.0	N/A	\$0 \$0 \$0
			0.0	0.0	0.0			0.0		\$0 \$0 \$0
E. Category III Salaries										
		Grade Appointment								
						Type				
No.		0	0.0	0.0	0.0	@	0.0	0.0	N/A	\$0 \$0 \$0
0		0	0.0	0.0	0.0	@	0.0	0.0	N/A	\$0 \$0 \$0
			0.0	0.0	0.0			0.0		\$0 \$0 \$0
Total Category III Salaries									\$0 \$0	\$0
Total Salaries									\$0 \$1,701	\$1,701
FRINGE BENEFITS										
36.5% of Category I Salaries									\$0 \$621	\$621
13.2% of Category II Salaries									\$0 \$0	\$0
7.9% of Category III Salaries									\$0 \$0	\$0
Total Fringe Benefits									\$0 \$621	\$621
EQUIPMENT (over \$5,000)									\$0 \$0	\$0
TRAVEL										
In Country									\$0 \$0	\$0
Out of Country									\$0 \$0	\$0
TOTAL TRAVEL									\$0 \$0	\$0
MATERIALS & SUPPLIES									\$0 \$0	\$0
CONSULTANTS									\$0 \$0	\$0
SUBCONTRACTS									\$0 \$0	\$0
Less than \$25,000									\$0 \$0	\$0
Over \$25,000									\$0 \$0	\$0
TOTAL SUBCONTRACTS									\$0 \$0	\$0
REPORTS									\$0 \$0	\$0
COMMUNICATIONS									\$0 \$0	\$0
EQUIPMENT USAGE									\$0 \$0	\$0
EQUIPMENT MAINTENANCE									\$0 \$0	\$0
SOFTWARE									\$0 \$0	\$0
MISCELLANEOUS ITEMS									\$0 \$0	\$0
PURCHASED SERVICES									\$0 \$0	\$0
GRADUATE STUDENT TUITION REMISSION									\$0 \$0	\$0
TOTAL DIRECT COST									\$0 \$2,322	\$2,322
FACILITIES AND ADMINISTRATION (INDIRECT COSTS)									\$0 \$1,149	\$1,149
49.5% of Modified Total Direct Costs									\$0 \$1,149	\$1,149
ESTIMATED COST									\$0 \$3,471	\$3,471
UNIVERSITY PARTICIPATION									\$0 \$0	\$0
TOTAL REQUESTED COST									\$0 \$3,471	\$3,471

MAIN ITEMIZED BUDGET

June 1, 2014 - May 31, 2015

Budget Note: The percent of time column shown on this page reflects an "average percent of time" for all tasks included with the budget. The person hours column and year columns reflect the summation of actuals from all tasks included with the budget.

Proposal Title: Best Practices for the Design, Evaluation, and Quality Control of High Percentage RAP Mixes
Solicitation Number: 4800008014

The itemized budget for estimated cost presented below is based on 12 months.

Budget starts with fiscal year												
		2013										
		# of	# of	Total								
		Months	Months	# of	% of	Person	Monthly	Year 1	Year 2	Total		
		Year 1	Year 2	Months	Time	Hours	Rate					
SALARIES												
A. Category I Salaries												
		Semester										
	Solaimanian, Mansour	AY	1.0	11.0	12.0	@	13.3	256.0	\$10,020	\$251	\$16,175	\$16,426
	Milander, Scott	AY	1.0	11.0	12.0	@	4.6	88.0	\$3,123	\$78	\$1,680	\$1,758
		AY	0.0	0.0	0.0	@	#DIV/0!	0.0		\$0	\$0	\$0
Total Category I Salaries									\$329	\$17,855	\$18,184	
B. Category II Salaries												
		Grade				Appointment						
		Type										
No.												
0	Grad Assistant (FA/SP)	0	0.0	0.0	0.0	@	0.0	0.0	N/A	\$0	\$0	\$0
0	Grad Assistant (SUMMER)	0	0.0	0.0	0.0	@	0.0	0.0	N/A	\$0	\$0	\$0
			0.0	0.0	0.0			0.0		\$0	\$0	\$0
C. Category III Salaries												
						% of						
						Time			Hourly Rate			
No.												
1	Wage Payroll		1.0	11.0	12.0	@	7.5	144.0	\$18	\$360	\$2,289	\$2,649
1	Wage Payroll		1.0	11.0	12.0	@	2.8	54.0	\$18	\$90	\$904	\$994
No.									Monthly Rate			
0	Post Doctoral Scholars		0.0	0.0	0.0	@	#DIV/0!	0.0	\$0	\$0	\$0	\$0
0	Graduate Researcher		0.0	0.0	0.0	@	#DIV/0!	0.0	\$0	\$0	\$0	\$0
0	Visiting Faculty		0.0	0.0	0.0	@	#DIV/0!	0.0	\$0	\$0	\$0	\$0
Total Category III Salaries									\$450	\$3,193	\$3,643	
Total Salaries									\$779	\$21,048	\$21,827	
FRINGE BENEFITS												
36.5% of Category I Salaries									\$120	\$6,518	\$6,638	
13.2% of Category II Salaries									\$0	\$0	\$0	
7.9% of Category III Salaries									\$36	\$252	\$288	
Total Fringe Benefits									\$156	\$6,770	\$6,926	
EQUIPMENT (over \$5,000)									\$0	\$0	\$0	
TRAVEL												
In Country									\$150	\$2,350	\$2,500	
Out of Country									\$0	\$0	\$0	
TOTAL TRAVEL									\$150	\$2,350	\$2,500	
MATERIALS & SUPPLIES									\$0	\$0	\$0	
CONSULTANTS									\$0	\$0	\$0	
SUBCONTRACTS												
Less than \$25,000									\$0	\$0	\$0	
Over \$25,000									\$0	\$0	\$0	
TOTAL SUBCONTRACTS									\$0	\$0	\$0	
REPORTS									\$0	\$0	\$0	
COMMUNICATIONS									\$0	\$0	\$0	
EQUIPMENT USAGE									\$0	\$0	\$0	
EQUIPMENT MAINTENANCE									\$0	\$0	\$0	
SOFTWARE									\$0	\$0	\$0	
MISCELLANEOUS ITEMS									\$0	\$0	\$0	
PURCHASED SERVICES									\$0	\$6,000	\$6,000	
GRADUATE STUDENT TUITION REMISSION									\$0	\$0	\$0	
TOTAL DIRECT COST									\$1,085	\$36,168	\$37,253	
FACILITIES AND ADMINISTRATION (INDIRECT COSTS)									\$537	\$17,904	\$18,441	
49.5% of Modified Total Direct Costs:												
ESTIMATED COST									\$1,622	\$54,072	\$55,694	
UNIVERSITY PARTICIPATION									\$0	\$0	\$0	
TOTAL REQUESTED COST									\$1,622	\$54,072	\$55,694	

FY 2013-2014 Budget Notes (Budget Justification)
Thomas D. Larson Pennsylvania Transportation Institute (Larson Institute)
College of Engineering, The Pennsylvania State University (Penn State)

Organization Type: State-Related Institution of Higher Education

Employer ID Number/EIN Number/Tax ID Number/IRS Number: 24-6000-376

DUNS Number: 00-340-3953

Commonwealth Vendor SAP ID Number: 141597

Name and Contact Information for Contractual Purposes:

John W. Hanold
Interim Director
Office of Sponsored Programs
The Pennsylvania State University
110 Technology Center Building
University Park, PA 16802-7000
Phone: 814-865-1372; Fax: 814-865-3377; E-Mail: osp@psu.edu

Personnel

Salaries and Wages (Direct Labor Costs)

The principal investigator is budgeted at the percentage of time shown using his/her actual salary in the calculation. The principal investigator's time includes both technical and project management functions. Other individuals/positions shown are technical support to the principal investigator with the percentage of time shown and actual salaries used. For project time occurring after June 30 of any given year, the salaries have been adjusted at the University approved rate of 2.5% per year each July 1.

The estimate of hours and/or hourly rates is furnished solely for the purpose of this proposal. It is understood that the University will not be required to maintain a record of hours of effort under any resultant award. The University operates under federal OMB Circular A-21 and its financial system is based on a percent of effort, not hours worked.

Fringe Benefits (Labor Overhead)

Per the Master Agreement, the University calculates its fringe benefit rates, including the rate for graduate students, in accordance with OMB Circular A-21.

Total Direct Costs

All of the costs in the project budget are considered direct costs.

Administration Fees (Overhead, Indirect, Facilities and Administration Costs [F&A])

F&A rates are negotiated with, and approved by, the Office of Naval Research, Penn State's cognizant federal agency. Penn State's current on-campus rate for research is 49.5% of modified total direct costs (MTDC) from July 1, 2013, to June 30, 2015. New awards and new competitive segments with an effective date of July 1, 2015, or later shall be subject to adjustment when superseding Government approved rates are established. Per OMB Circular A-21, the actual F&A rates used will be fixed at the time of the initial award for the duration of the competitive segment. MTDC are total direct costs excluding tuition, any amount of each subcontract in excess of \$25,000, single items of equipment costing more than \$5,000, plant construction, and building amortization.

The budget included in the attached proposal was prepared with the assumption that the prime funding is from the Federal Highway Administration; therefore the University's applicable F&A rate has been applied. In the event Commonwealth funding is utilized to fund the project, the University will revise the budget accordingly.

Total Costs

MTDC plus F&A costs equal total costs.

Travel

All travel will be in accordance with Commonwealth travel regulations. Travel estimates are based on costs that were incurred on previous projects of a similar nature for federal and state agencies. Estimated costs include three trips to Harrisburg for discussions and technical presentation and one trip to an Expert Task Group meeting by the principal investigator and one trip to State College by Mr. Huber.

Purchased Services

Mr. Gerry Huber will provide expertise in tasks 2 through 5.