

	Classification	Hours	Rate, \$/hr	Total Cost
<b>1.0 Personnel</b>	SENG	98	\$200.00	\$19,600.00
	PM	121	\$160.00	\$19,360.00
	EIT	250	\$90.00	\$22,500.00
	LBT	69	\$50.00	\$3,450.00
	DRF	90	\$60.00	\$5,400.00
	Total Personnel	628		\$70,310.00
<b>2.0 Travel</b>				\$509.08
<b>3.0 Supplies</b>				\$500.00
<b>4.0 Subcontract</b>				\$21,151.00
<b>5.0 TOTAL</b>				<b>\$92,470.08</b>

<b>Personnel Breakdown</b>			
Classification	Hours	Rate, \$/hr	Total Cost
SENG	98	\$200.00	\$19,600.00
PM	121	\$160.00	\$19,360.00
EIT	250	\$90.00	\$22,500.00
LBT	69	\$50.00	\$3,450.00
DRF	90	\$60.00	\$5,400.00
Total Personnel	628		\$70,310.00

<b>Travel Breakdown</b>				
<b>Driving Mileage</b>				
Number of Vehicles	Total Mileage	Reimbursement per Mile (cents)	Total Reimbursement (cents)	Total Reimbursement (dollars)
2	572	44.5	50908	\$509.08
Note: Two personal vehicles will be used as transportation to Phoenix				
Note: One trip will be made to pick up test cylinders and another will be made for watching the concrete pour				

<b>Supplies Breakdown</b>		
Lab Rental		
Number of Days	Cost per Day	Total Cost
5	\$100.00	\$500.00
Note: A day will be used in the NAU computer lab for drafting the beam cross-section		
Note: One day will be used for cylinder testing to determine the best mix		
Note: Another day will be used for cylinder testing to check if the 28-day strength of the beam is achieved		
Note: The last day will be used for testing of the prestressed beam		

<b>Subcontract Breakdown</b>		
<b>Concrete Test Cylinders</b>		
Number of Test Cylinders	Cost per Cylinder	Total Cost
43	\$5.00	\$215.00
Note: 20 cylinders will be used for testing the lightweight concrete mix		
Note: 20 cylinders will be used for testing the heavyweight concrete mix		
Note: 3 cylinders will be used for confirming the strength of the beam		

<b>Prestressed/Precast Concrete Beam</b>		
Cost of Concrete	Cost of Steel	Total Cost
\$200.00	\$450.00	\$650.00

<b>Labor</b>		
Number of Workers	Rate, \$/hr	Total Cost
10	\$50.00	\$20,000.00
Note: A five-day estimate was used for the time to construct the beam form, pour the beam, and delivery.		

<b>Delivery of Beam to Flagstaff</b>		
Total Mileage	Cost per Mile (Dollars)	Total Cost
286	\$1.00	\$286.00