

Bonfire 2002 Actual and Projected Costs	
Phase I – Planning (Actual Costs)	
April 2000 – December 15, 2001	
<b>Engineering / Safety Consultant Services</b>	
Preliminary Planning & Preliminary Engineering Drawings	\$40,000
Reimbursable Expenses	\$2,000
Present 15 Concepts	\$58,350
Evaluate 6 Concepts for Constructability	\$40,750
Present 6 Concepts to Reduce to 3	\$13,750
Participate in Selection of Final Concept	\$18,800
Confirm Probable Costs	\$15,500
Safety Consultants	\$8,000
Projected Reimbursable Expenses	\$12,500
Reconstruct Model for Structural Tower & Reconstruct Model for “skin” Revision	\$9,900
Three Color Renderings	\$3,750
Six Boards for Reproduction of Concepts	\$397
Request for Proposal Marketing	\$6,000
Phase I Planning (Actual) Sub Total	\$229,697
Phase II -- Aligning Plans With Designs (Actual Costs)	
December 15, 2001 – February 1, 2002	
Plans for Student Leadership and Participation Training	\$10,000
Risk Management Manual	\$7,500
Time Extension to February 15, 2001	\$15,000
Phase II (Actual) Sub Total	\$32,500
<b>Phases I &amp; II Total Actual Expenses</b>	<b>\$262,197</b>

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Actual and Projected Costs

Phase III – Final Plans and Implementation (Projected Costs)

<b>Engineering Services and Deliverables (Bid)</b>	
Design Drawings	\$25,000
Specifications	\$2,500
Design Calculations	\$20,000
Analytical Model	\$6,750
Estimate of Construction Work Hours	\$5,000
Estimate of Probable Cost	\$5,000
Construction Phasing	\$25,000
Task Definitions	\$7,000
Training Recommendations	\$17,000
Safety Coordination Records	\$40,000
Web Site Design	\$7,500
Log Supply and Delivery Specifications	\$10,000
Work With Student Bonfire Leaders to Develop and Deliver Required Training	\$40,000
Collaborate on Safety Plan for the Process to Ensure Health and Safety	\$70,000
Construct and Test a Prototype and Make Appropriate Design Modifications	\$30,000
Provide On-Site Inspections During Construction Process	\$17,500
Comprehensive Post-Bonfire Report Within 60 Days After Each Burn	\$20,000
Reproduction of Complete Construction Drawings	\$1,000
Provide All Information for Design and Construction Alignment	\$5,000
Attend All Necessary Conferences, Record Notes and Prepare Minutes	\$20,500
Address All Questions During Bidding Process & Assist Owner In Analyzing Bids	\$14,000
Engineering Sub-Total	\$388,750

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Actual and Projected Costs

Phase III – Final Plans and Implementation (Projected Costs) (cont'd)

<b>Safety Consultant Services and Deliverables (Bid)</b>	
Earthwork	\$9,976
Concrete	\$49,389
Masonry	\$15,385
Wood Substructure	\$8,423
Log Purchase	\$331,800
Fencing & Gates	\$7,363
Equipment	\$49,230
General Conditions Including Safety Staff	\$195,300
Fee – 5 percent	\$33,340
Safety Sub Total	\$700,206
<b>Other Expenses (Estimated)</b>	
Liability Insurance for Consultants (Est.)	\$300,000
Liability Insurance for Students & Staff (Est.)	\$425,000
University Bonfire Staff (Projected)	\$225,000
Training (Not including safety professional trainer costs) (Est.)	\$35,000
Security (Construction & Event) (Est.)	\$72,500
Cleanup (Est.)	\$25,000
Other – Unanticipated (Est.)	\$50,000
Other Expenses Sub Total	\$1,132,500
<b>Total Phase III Estimated Cost</b>	<b>\$2,221,456</b>

Bonfire 2002

Total Actual and Projected Costs

Phase I and II Actual Expenses

\$262,197

Total Phase III Bid and Estimated Expenses

\$2,221,456

**Total Actual & Estimated Bonfire 2002 Cost**

**\$2,483,653**

Bonfire 2002	
Total Actual and Projected Costs	
Phase I and II Actual Expenses	\$262,197
Total Phase III Bid and Estimated Expenses	\$2,221,456
<b>Total Actual &amp; Estimated Bonfire 2002 Cost</b>	<b>\$2,483,653</b>