Names: Date:
Bridge Proposal Worksheet
This proposal is submitted in response to the city of Needabridge's request for proposals for a new transportation bridge to connect their city to another city across the river, 500 feet away.
We have estimated the amount of materials and costs required to make the bridge girders (beams) out of concrete and again out of steel. Because this bridge must be strong enough to carry cars, we recommend building the bridge out of
We propose the following bridge. (Draw your bridge design below. Write in the length of each bridge member in the drawing.)
We estimate the bridge design will use approximately girders of concrete and girders of steel in the above specified lengths.
This design will also have concrete foundations to hold it safely in place over the riv
Other special characteristics of our design include:
It will take us approximately months to build this bridge.

Below is our proposed budget: (Fill in costs for girders from the Cost Comparisons Worksheet. For multiple girders of different lengths, use another sheet of paper to total the amount and cost of materials.)

Budget Item	How many?	Cost per item	Total Cost
Cost for materials: girders (concrete)	girders	x	
Cost for materials: girders (steel)	girders	x	
Cost for materials: foundations (concrete)	foundations	x \$1,500	
Cost for site investigation	foundations	x \$3,000	
Cost for equipment	months	x \$1,000	
Cost for engineering labor	months	x \$28,000	
Total Cost Estimation →			

We think you should choose our design b		
Thank you for your consideration,		
Engineering firm name:		
Lead engineer names:	and	
Proposal submission date:		