

Construction Cost Estimating Guidelines

Instructions:

Step 1. In the column entitled "Utility", provide any additional utilities identified in the Utility Owner & Conflict Identification Worksheet.

Step 2. Place the Sub-Totals from the Utility Owner Issues and Estimate Worksheet (Appendix J2) in the column entitled "Sub Total". **Note:** if there are multiple Water, Sewer, Electric Companies etc., only place one Sub Total covering all of them in the Sub-Total column. If there is no involvement place N/A in the Sub-Total column.

Step 3. Total all of the Sub Totals into one Grand Total

Utility	Sub Total
Water	
Sewer	
Electric	
Gas	
Cable	
Phone	
Railroad	
Long Distance Cable	
Pipelines	
Fire Alarm Systems	
Grand Total	

Step 4. Calculate Contingency: for every one year of construction the contingency shall be 10% of the Grand Total for Utility Costs. (i.e. 3 year duration = 30% Contingency)

Step 5. Calculate Total Utility Cost Estimate:

- Insert Grand Total from form above
- Add the Contingency to the Grand Total for the Total Utility Cost Estimate

Grand Total	+	Contingency	=	Total Utility Cost Estimate

Step 6. Lead Design Engineer Sign and Date

_____ Date _____