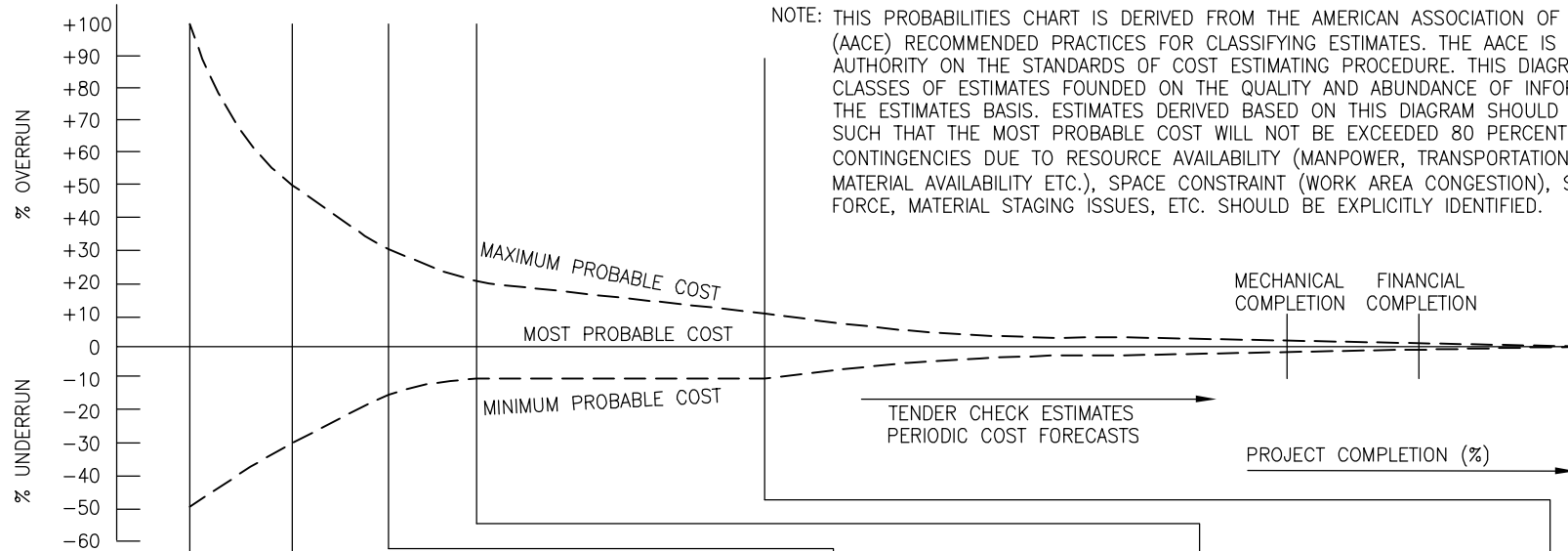
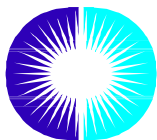


## CLASSES OF ESTIMATES DIAGRAM



ORDER OF MAGNITUDE ESTIMATE	STUDY ESTIMATE	MODULAR FACTORED ESTIMATE	BUDGET ESTIMATE	DEFINITIVE ESTIMATE
<b>ESTIMATE CLASS CODE: E</b> (+100%/-50%) BASIS OF ESTIMATE: -RISK ASSESSMENT -PRELIMINARY PROJECT SCOPE DEFINITION -BACKGROUND INFORMATION -OUTLINE OF PROCESS DESIGN -PRELIMINARY SCHEDULE -PRELIMINARY SITE DATA	<b>ESTIMATE CLASS CODE: D</b> (+50%/-30%) SCOPING STUDY BASIS OF ESTIMATE: -SCOPING STUDY TO FOLLOW IMPLEMENTATION MANUAL -MORE DEFINED PROJECT SCOPE -SITE SELECTED -OUTPUT SPECIFIED -OPTIONS IDENTIFIED -PRODUCED BY PROCESS GROUP TO BE USED AS BASIS FOR DBM PREP.	<b>ESTIMATE CLASS CODE: C</b> (+30%/-15%) BASIS OF ESTIMATE: -DEFINED SCOPE OF WORK -PREFERRED OPTION IDENTIFIED -PRELIMINARY PFD'S & P&ID'S -EQUIPMENT LIST WITH BUDGET COSTS -PRELIMINARY PLOT PLANS -SINGLE LINE DIAGRAM -BASIS OF PROJECT APPROVAL	<b>ESTIMATE CLASS CODE: B</b> (+20%/-10%) BASIS OF ESTIMATE: -APPROVED PROJECT SCOPE -APPROVED PFD -EQUIPMENT LIST WITH BUDGET COSTS -PRELIMINARY PLOT/SITE PLANS & GENERAL ARRANGEMENT DRAWINGS -PROPOSED PROJECT SCHEDULE -PRELIMINARY LOGISTICS PLAN	<b>ESTIMATE CLASS CODE: A</b> (+10%/-10%) DETAILED DESIGN BASIS OF ESTIMATE: -APPROVED PROJECT SCOPE -APPROVED P&ID'S, PLOT/SITE PLANS -APPROVED ENGINEERING SPECS. -CONSTR. LENDER PACKAGES & DRAWINGS -EQUIPMENT PURCHASED OR QUOTED -APPROVED MASTER PROJECT SCHEDULE -SITE AND LABOR SURVEY COMPLETE -BULK TAKEOFFS-COMplete LOGISTICS PLAN APPROVED
			FEASIBILITY	TARGET COST



**CDG**  
ENGINEERS

One Campbell Plaza  
St. Louis, Missouri 63139  
www.cdgengineers.com

T. 314 781 7770  
F. 314 781 9075