

Cost / Damages Matrix

(All Costs Shown in \$000)

Project Work Activities	Original Contract Value	Approved Change Orders	Current Contract Value	Pending Change Orders	Bid Error (Noncompensable)	Contractor Caused Problems (Noncompensable)	Potential Compensable Damages				Total Actual Costs
							Issue No. 1	Issue No. 2	Issue No. 3	Issue No. 4	
							Inaccurate P&IDs	Increased Piping Quantities	Delay	Disruption/ Loss of Productivity	
ENGINEERING	\$2,500	\$400	\$2,900	-	-	\$120	\$250		\$500	-	\$3,770
EARTHWORK	\$1,000	-	\$1,000	-	-	\$200	-	-	-	-	\$1,200
CONCRETE	\$500	\$20	\$520	-	-	\$100	-	-	-	-	\$620
STRUCTURAL STEEL	\$1,000	\$100	\$1,100	-	-		-	-	-	-	\$1,100
INSTALLED EQUIPMENT	\$7,200	\$900	\$8,100	-	-	\$50	-	-	-	-	\$8,150
PIPING	\$2,000	\$1,055	\$3,055	\$2,500	\$500	\$750	\$1,250	\$345	-	\$2,500	\$10,900
Direct Labor	\$500	\$250	\$750	\$600	\$75	\$112	\$300	\$75	-	\$600	\$2,512
Labor Taxes & Burdens	\$215	\$108	\$323	\$280	\$35	\$53	\$145	\$35	-	\$280	\$1,151
Permanent Material & Equip	\$800	\$400	\$1,200	\$950	\$200	\$300	\$475	\$100	-	\$950	\$4,175
Consumable Materials	\$50	\$25	\$75	\$50	\$10	\$15	\$40	\$5	-	\$50	\$245
Owned Construction Equipment	\$25	\$10	\$35	\$25	\$10	\$15	\$30	\$5	-	\$25	\$145
Rental Equipment	\$10	\$5	\$15	\$10	\$50	\$75	\$10	\$25	-	\$10	\$195
Subcontracts	\$400	\$257	\$657	\$585	\$120	\$180	\$250	\$100	-	\$585	\$2,477
TANKAGE	\$500	\$100	\$600	-	-	-	-	-	-	-	\$600
INSTRUMENTATION	\$800	\$200	\$1,000	\$700	-	\$600	\$1,000	-	-	\$700	\$4,000
ELECTRICAL	\$1,500	\$450	\$1,950	\$900	-	\$800	\$1,800	-	-	\$900	\$6,350
PROJECT/CONST MANAGEMENT	\$2,000	\$425	\$2,425	\$1,800	\$400	\$750	\$2,200	-	\$600	\$1,800	\$9,975
OTHER FIELD INDIRECTS	\$1,500	\$300	\$1,800	\$1,300	\$300	\$600	\$1,000	\$300	\$450	\$1,300	\$7,050
HOME OFFICE OVERHEAD	\$2,000	\$400	\$2,400	\$800	-	\$400	\$400	\$200	\$600	\$800	\$5,600
FEES/PROFIT	\$2,500	\$850	\$3,350	\$1,000	-	-	\$800	\$80	\$750	\$1,000	\$6,980
TOTAL PROJECT	\$25,000	\$5,200	\$30,200	\$9,000	\$1,200	\$4,370	\$8,700	\$925	\$2,900	\$9,000	\$66,295

POTENTIAL CLAIM VALUE = \$21,525

TOTAL COST OVERRUN = \$36,095