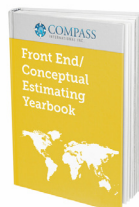
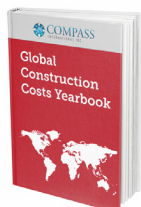


[illegible]

WORK BREAKDOWN STRUCTURE	QTY	U O M	\$ MATERIAL U-P	\$ MATERIAL TOTAL	M-H'S	\$ HOURLY RATE	\$ LABOR RATE	\$ OTHER COSTS	\$ TOTAL
FIELD IN-DIRECT COSTS (CONT)									
Small Tools (under \$100)									200,000
Field Supervision & Expenses									1,200,000
Field Supervision Trucks									50,000
Field Establishment (Trailers, Toilets)									350,000
Field Support Labor (logistics & clean up)									700,000
Construction Equipment Rental / Plant Hire									450,000
Heavy Lift Cranes (mob & De-mob)									200,000
Scaffolding									350,000
Temporay field utilities									150,000
Taxes on Plant hire, consumables									150,000
Insurance & Bonds									150,000
H O Construction Support									350,000
Contractor H. O. overhead & admin support (HR & HSE)									850,000
Contractor Fee									400,000
Overtime - Shift work Allowance									500,000
Other Costs									500,000
FIELD IN-DIRECT TOTAL COSTS (FI-DTC)									13,150,000
CONSTRUCTION COST DIRECT & IN-DIRECT (D + I)									55,979,000
Detail Design / Engineering									5,000,000
Project Management & Controls									750,000
Procurment - Subcontracts & P.O.'s									250,000
Construction Management including site computers, copy machines, FX mail, T1 communication line & office suppliers									1,750,000
Technical Consultants & Freelancers									700,000
Early studies / FEED / Traffic Survey									500,000
Soil testing & NDT									350,000
Permitting Studies / Costs									250,000
Owner Engineering									500,000
Owner Construction Support									250,000
Travel Costs									150,000
Initial Fill & Chemicals									300,000
Contingency									7,000,000
Escalation									1,500,000
Start - Up / Commissioning									450,000
Vendor Assistance									250,000
Other Costs									300,000
Spare Parts									500,000
Expense Item Costs									100,000
ENGINEERING / CM / OTHER PROJECT COSTS TOTAL E - CM									20,850,000
TOTAL INSTALLED COST TIC									76,829,000
COST PER MAJOR EQUIPMENT / 100 ITEMS									\$768,290



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