

P3T, LLC ... MIFA (Material and Information Flow Analysis)

11 facilities throughout the United States evaluated over an 18-month period ... reviewing the original contract, scope of work and pricing model compared to the current actual operational performance. .. Our model detected on average \$1.2M per year in lost profits due to scope creep, missed billing opportunities and transportation loss (mix density issues).

The MIFA will analyze the following areas within an operation:

- Review the original contract, scope of work and price model.
- Process Map the entire operation with on-floor evaluation (material and information)
- Evaluation of Space Utilization and calculate “non-value” percentage, and storage capacity.
- Equipment usage and OEE of material handling equipment (route analysis, pallets per hour etc.)
- Labor utilization (direct and indirect)
- Consumable Material usage
- Shift patterns (lunch, breaks, shift kick-off meetings, lean and clean time ... etc.)
- Communication Boards (KPI's, Problem Solving Activity, General Communication)
- Load Cubing and shipping plans
- Packaging standards (box, tape, pallets, blocking etc.)
- Start-up cost (if applicable)
- System utilization (WMS, InSequence, ERP etc.)
- Quality Control and Control of non-conforming material.

Space	Plan	Actual	Data		Space (DOH)	Plan	Actual	Data	
	12,251	8,559	5,692			5	13	4	
	19,778	39,864	(14,136)			2	8	103	
	6,202	19,634	(13,432)			2	5	13	
	6,008	5,020	1,029			3	3	12	
	21,700	58,932	(37,142)			3	11,028	8	
	15,343	15,106	237			5	4	651	
	27,522	8,680	18,833			2	2	7	
	30,456	13,383	17,053			1	8	17	
	14,340	19,879	(5,539)			2	2	2	
	11,000	5,371	5,629			3	11,019	(15)	
	15,000	15,357	(3,457)			10	10	0	
Total	175,881	260,954	(85,073)		Total	39	109,911	(73)	
Total Facility Paid				207,283					

Equipment	Plan	Actual	Data	
Forklift	12	4	11	1
Lugger	5	0	0	0
Stand Up Lift	5	0	0	0
Scissor Lift	5	0	0	0
Forage Scanner	0	0	0	0.5
Storage Trailer	0	0	0	0

Fixed Labor (Full Volume)	Plan	Actual	Data	
Operations Manager	0.75	1	0.25	(2)
Supervisor	2.85	6	0.15	(1)
Maintenance	0.15	0	0.25	1
Liaison Clerk	1.25	3.25	0.00	0
IT Supervisor	1.25	4	1	(2)
IT Supervisor	0	1	1	0
Maintenance/Janitorial	0	1	1	0
Inventory Analyst	0	0.75	0	0
Admin	0	0.63	0.63	0
Key Account Rep	0	0.8	0.80	0
Key Account Manager	0	0.25	0.25	0
Regional Operations Mgr	0	1	1	0
Other	0	0	0	0
Total	7.35	20.78	(13.43)	

Position	Plan Rate x Ben	Actual Rate x Ben	Ben	
Sequencer	\$21.43x	\$20.13x	\$1.30	
Material Handler	\$23.52x	\$21.76x	\$1.76	
Fork Driver	\$0.00x	\$0.00x	\$0.00	
	\$0.00x	\$0.00x	\$0.00	
	\$0.00x	\$0.00x	\$0.00	
	\$0.00x	\$0.00x	\$0.00	

Fixed Labor (Rates x Number People)	Plan	Actual	Data	
Operations Manager	\$81,600	\$0.00	\$81,600	0
Inventory Analyst	\$237,120	\$0.00	\$237,120	0
Maintenance	\$43,840	\$0.00	\$43,840	0
Liaison	\$64,000	\$0.00	\$64,000	0
Clerk	\$17,600	\$0.00	\$17,600	0
IT Supervisor	\$0.00	\$0.00	\$0.00	0
Maintenance/Janitorial	\$0.00	\$0.00	\$0.00	0
Inventory Analyst	\$0.00	\$0.00	\$0.00	0
Admin	\$0.00	\$0.00	\$0.00	0
Key Account Rep	\$0.00	\$0.00	\$0.00	0
Key Account Manager	\$0.00	\$0.00	\$0.00	0
Regional Operations Mgr	\$0.00	\$0.00	\$0.00	0
Other	\$0.00	\$0.00	\$0.00	0
Total	\$480,240.00	\$0.00	\$480,240.00	0

Space Cost (monthly)	Plan	Actual	Data	
Rent	\$3.30	\$3.41	\$0.11	(1)
UTIL	\$1.30	\$0.84	\$0.46	
Utility	\$0.00	\$1.09	(\$0.25)	
Total	\$4.60	\$5.34	(\$0.240)	

Operating Supplies	Plan (100)	Actual	Data	
Equipment Operating Cost	\$10,376.54	\$996.00	\$9,380.54	Electric Fault
Equipment Maint (incl. Flap)	\$4,556.54	\$0.127	(\$4,556.41)	
Key Comp. Supplies	\$2,762.28	\$23,311	\$13,150.72	
Equipment Data Line	\$3,285.00	\$3,285.00	\$1,411.00	
Inventory Supply	\$1,855.00	\$1,855.00	\$1,855.00	
Telephone	\$1,202.46	\$1,417.00	(\$214.54)	
Hardware	\$1,648.77	\$1,648.77	\$0.00	
Equipment Start Up	\$15,555.75	\$17,711.00	\$2,155.25	Fixed temp ass
RAM Equip	0	\$522.50	(\$522.50)	
Ball Bearing	0	\$69,026.00	(\$69,026.00)	
Equipment Property Accidental Damage	0	\$767.83	(\$767.83)	
Total	\$44,308.87	\$65,838.33	(\$21,529.46)	

Variable Labor	Position
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