



On-Premises Laundry (OPL) Operation

Comparative Savings Analysis

Prepared on: Monday, September 22, 2008

Prepared For

Example - Medium Hotel Laundry

Prepared By

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Comparative Summary - Annual Operating Cost

No.	Description	Total	Equipment	Labor	Utilities
1	New Equipment Proposal	\$158,243.07	\$1,831.23	103,630.80	\$52,781.04

This report is for estimation purposes only. Actual results may vary. This is not a sales offer.

Assumptions

Facility Generates Laundry 7 days per week .

Description	Quantity	lb/unit	% Occup	Pounds/Day
Full Service Hotel Rooms, pool, food servic	150	12.0	100%	1,800
<i>Total Laundry Generated Per Day = <input type="text" value="1,800"/> lbs.</i>				
<i>1800 X 7 generating days/week <input type="text" value="12,600"/> lbs. generated per week</i>				
<i>12600 X 52 wks/year <input type="text" value="655,200"/> lbs. generated per year</i>				
<i>Laundry will operate 7 days/week 12600 / 7 operating days/wk = <input type="text" value="1,800"/> lbs. to process per day</i>				
<i>Percent to iron: <input type="text" value="0%"/> Pounds/Day to iron: <input type="text" value="0"/> Pounds/Day to Dry: <input type="text" value="1,800"/></i>				
<i>Electric Rate: \$0.180 per kilowatt hour</i>				
<i>Gas Rate: \$1.350 per therm</i>				
<i>Water Rate: \$3.00 per 1000 gallons</i>				
<i>Sewer Rate: \$2.75 per 1000 gallons</i>				
<i>Chemical Rate \$0.040 per pound of laundry processed</i>				



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Proposal No: 1 New Equipment Proposal

Labor Costs

Estimated Laundry Operation:	Full-time Employment:	
7 Days Per Week:	Hourly Cost of each full-time employee (FTE): <i>(includes 25% benefits)</i>	\$10.00
6.7 Washer Run Hrs./Day:	FTE's Required: *	3.9
5.9 Dryer Run Hrs./Day:	Pounds Processed Per Hour: <i>(1800 lb. per day / 7.3 Oper. Hrs)</i>	247
7.3 Min. Hrs./ Day: *		

Annual Labor Cost (Assumption 52 wks/yr) \$103,630.80 \$0.158 per lb.

** Estimated hrs/day includes .6 hrs. for first daily cycle where dryer must wait for first washer load.*

Utility Costs

Equipment Type	Electric	Gas	Water	Sewer	Chemicals	Total/Day
Washers	\$1.01	\$27.44	\$8.10	\$7.43	\$72.00	\$115.97
Dryers	\$1.60	\$27.43	\$0.00	\$0.00	\$0.00	\$29.03
Daily Totals	\$2.61	\$54.87	\$8.10	\$7.43	\$72.00	\$145.00

Utility Costs Per Week of Operation \$1,015.02

Annual Utility Costs (Assumption 52 wks/yr) \$52,781.04 \$0.081 per lb.

Equipment Investment

Quan	Manufacturer	Model	Type	Unit Cost	Extended Cost
3	UniMac	UW60PV	Washer	\$0.00	\$0.00
3	UniMac	UT075N	Dryer	\$4,031.00	\$12,093.00

Total Equipment Costs \$12,093.00

Accessories @ \$0.00 \$0.00

Installation @ \$0.00 \$0.00

Freight @ \$0.00 \$0.00

Subtotal \$12,093.00

Sales Tax @ 6.0% \$725.58

Total Capital Investment \$12,818.58

Annual Cost (using 7 year depreciation) \$1,831.23 \$0.003 per lb.