PRECISION EXTRCATION

RETURN ON INVESTMENT - Wholesale Raw Oil (No Post Processing)												
Precision Extraction Equipment	Product to Be Produced	Quality of Input Material	Price per Pound of Input Material	Processing Capacity (lbs/8hrs)	Yield (% by mass)	Daily Yield (g/day)	Wholesale Price ($/g)	Gross Revenue ($/day)	Less Material & Solvent Cost	Net Revenue ($/Day)	Equipment Cost	ROI (Days)
Precision X10	Crude Oil	Low	$100	60	12.0%	3,269	$7.00	$22,883	$6,600	$16,283	$698,052	42.87
	Crude Oil	Medium	$350	60	17.0%	4,621	$7.02	$32,417	$21,600	$10,817	$698,021	64.53
	Distillate	Medium	$350	60	11.9%	3,241	$12.00	$38,892	$21,600	$17,292	$697,905	40.36
	HTE/Live Resin	High	$1,500	60	26.9%	7,335	$45.00	$330,075	$90,600	$239,475	$696,872	2.91
Luna Technologies IO Extractor	Crude Oil	Low	$100	120	12.0%	6,538	$7.00	$45,766	$6,600	$39,166	$821,562	20.98
	Crude Oil	Medium	$350	120	17.0%	9,242	$7.02	$64,834	$21,600	$43,234	$821,562	19.00
	Distillate	Medium	$350	120	11.9%	6,482	$12.00	$77,784	$21,600	$56,184	$821,562	14.62
	THE/Live Resin	High	$1,500	176	26.9%	21,516	$45.00	$968,220	$90,600	$877,620	$821,562	0.94

CASE STUDY: A TYPICAL 2,000-SQUARE-FOOT LAB

This example assumes startup costs and ROI of a typical 2,000-square-foot lab utilizing Precision® Extraction equipment (with nine times the processing efficiency at half the cost of comparable CO_2 systems).

1 SECURING A PROPERTY/LEASE: The first major expense will be the cost of a building. A prefabricated steel "butler"-style building will cost approximately $50 per square foot. Occupying an existing building, or part of a building, by lease rather than ownership, will generally cost much less and free up capital to use elsewhere in the extraction startup venture.

As investment into building ownership can vary greatly, this analysis will be assumed that the building is leased rather than owned. Hence, assume $22,500 in initial lease costs. **PLAN TO SPEND: $22,500**

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2 PLANNING PHASE/PROFESSIONAL TEAM: Once the property is secured, the planning phase will include a designer, architect, mechanical engineer, electrical engineer, equipment supplier and consultant. This can run in the range of 8-20% of the total cost of the project. Assuming the median for a 2,000-square-foot lab, a reasonable estimation of cost is $75,000 for a professional team of experts to see the project through. **PLAN TO SPEND: $75,000**

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3 CONSTRUCTION/BUILDOUT: Once the design is complete, the next major expense is incurred through the construction of the actual lab. Generally, this can run between $60-$100 per square foot built to code. For budgeting purposes, it is always best to err on the side of caution. So, on the high side, you may spend $200,000 on the buildout. **PLAN TO SPEND: $200,000**

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4 EQUIPMENT/TRAINING: Precision Extraction Solutions' complete lab equipment and training package is as follows:

- Q1 X10 Extraction System
- Q1 Precision GC 5000 Recovery Pump
- Q1 Distillation Equipment, 4" Wiped Film
- Q1 Heidolph HBX Package: Hei-Vap Industrial 20L
- Q1 Decarboxylation Vessel
- Q2 Vac Oven Elite 4.4 UL Certifications
- Q2 Vacuum Ovens: AI 4.4 Elite – 200V
- Q2 Vacuum Pumps – Edwards, NXDS10i 7.7cfm
- Professional Services: Wiped Film Evaporator Training
- Professional Services: Install/Basic Training

PLAN TO SPEND: $375,490

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5 FINAL INSPECTIONS: The last significant expenses to be incurred are final engineering inspections and final fire safety reviews. These costs are generally in the range of $15,000 to $25,000. So, to be conservative,
PLAN TO SPEND: $25,000

TOTAL COST

As provided above, the total 2,000-sq.-ft. lab cost per our example is as follows:

COST OF INITIAL LEASE: $22,500

COST OF PLANNING: $75,000

COST OF CONSTRUCTION: $200,000

COST OF EQUIPMENT/TRAINING: $375,490

FINAL INSPECTIONS/REVIEWS: $25,000

TOTAL STARTUP COSTS:
$697,990