

ALPHA PRO TECH LTD  
Form 10-Q  
August 14, 2007

## SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

### FORM 10-Q

Quarterly Report pursuant to Section 13 or 15(d)  
of the Securities Exchange Act of 1934

For the Quarter Ended June 30, 2007

Commission File No. 01-15725

### Alpha Pro Tech, Ltd.

(exact name of registrant as specified in its charter)

**Delaware, U.S.A.**  
(State or other jurisdiction of incorporation)

**63-1009183**  
(I.R.S. Employer Identification No.)

**Suite 112, 60 Centurian Drive**  
**Markham, Ontario, Canada**  
(Address of principal executive offices)

**L3R 9R2**  
(Zip Code)

Registrant's telephone number, including area code: **(905) 479-0654**

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports) and (2) has been subject to such filing requirements for the past 90 days.

Yes  No

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, or a non-accelerated filer (as defined in Rule 12b-2).

Large accelerated filer  Accelerated filer  Non-accelerated filer

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act.)

Yes  No

Indicate the number of shares outstanding of each of the issuer's classes of common stock, as of August 8, 2007.

25,580,953 shares of common stock, \$.01 par value



**Alpha Pro Tech, Ltd.**

Table of Contents

PART I. FINANCIAL INFORMATION

ITEM 1 Consolidated Financial Statements (Unaudited)

- a) Consolidated Balance Sheets - June 30, 2007 and December 31, 2006
- b) Consolidated Income Statements for the six months ended June 30, 2007 and June 30, 2006
- c) Consolidated Statement of Shareholders' Equity for the six months ended June 30, 2007
- d) Consolidated Statements of Cash Flows for the six months ended June 30, 2007 and June 30, 2006
- e) Notes to Consolidated Financial Statements

ITEM 2 Management's Discussion and Analysis of Financial Condition and Results of Operations

Cautionary Statements Regarding Forward-Looking Information

New Accounting Standards

ITEM 3 Quantitative and Qualitative Disclosures About Market Risk

ITEM 4 Controls and Procedures

PART II. OTHER INFORMATION

ITEM 5 Submission of Matters to a Vote Security Holders

ITEM 6 Exhibits and Reports on Form 8-K

SIGNATURES

EXHIBITS

- Exhibit 31.1: Certification by CEO pursuant to Rule 13a-14(b) and Rule 15d-14(b) of the Exchange Act (filed herewith)
- Exhibit 31.2: Certification by CFO pursuant to Rule 13a-14(b) and Rule 15d-14(b) of the Exchange Act (filed herewith)
- Exhibit 32.1: Certification by CEO pursuant to Section 906 of the Sarbanes-Oxley Act (filed herewith)
- Exhibit 32.2: Certification by CFO pursuant to Section 906 of the Sarbanes-Oxley Act (filed herewith)

**Alpha Pro Tech, Ltd.**

**PART I. FINANCIAL INFORMATION**

**ITEM 1. FINANCIAL STATEMENTS**

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Alpha Pro Tech, Ltd. (Alpha Pro Tech, the Company) prepared the following unaudited interim consolidated financial statements pursuant to the rules and regulations of the Securities and Exchange Commission. Certain information and footnote disclosures normally included in financial statements prepared in accordance with accounting principles generally accepted in the United States of America have been condensed or omitted pursuant to these rules and regulations.

You should read the following unaudited interim consolidated financial statements and the accompanying notes together with the Company's Annual Report on Form 10-K for the year ended December 31, 2006. The Company's 2006 Annual Report contains information that may be helpful in analyzing the financial information contained in this report and in comparing its results of operations for the three and six months ended June 30, 2007 with the same period in 2006.

1

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**Alpha Pro Tech, Ltd.**



**Consolidated Balance Sheets (Unaudited)**

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	June 30, 2007	December 31, 2006 (1)
<b>Assets</b>		
Current assets:		
Cash and cash equivalents	\$ 1,600,000	\$ 1,837,000
Accounts receivable, net of allowance for doubtful accounts of \$63,000 at June 30, 2007 and \$61,000 at December 31, 2006	5,483,000	6,157,000
Inventories, net	14,919,000	12,713,000
Prepaid expenses and other current assets	1,373,000	1,195,000
Deferred income taxes	403,000	395,000
Total current assets	23,778,000	22,297,000
Property and equipment, net	3,227,000	3,355,000
Goodwill, net	55,000	55,000
Intangible assets, net	176,000	151,000
Equity investments in and advances to unconsolidated affiliates	1,060,000	994,000
Total assets	\$ 28,296,000	\$ 26,852,000
<b>Liabilities and Shareholders' Equity</b>		
Current liabilities:		
Accounts payable	\$ 796,000	\$ 1,213,000
Accrued liabilities	1,093,000	1,466,000
Total current liabilities	1,889,000	2,679,000
Deferred income taxes	701,000	693,000
Total liabilities	2,590,000	3,372,000
Shareholders' equity		
Common stock, \$.01 par value, 50,000,000 shares authorized, 25,580,955 and 24,509,580 issued and outstanding at June 30, 2007 and December 31, 2006, respectively	255,000	245,000
Additional paid-in capital	26,947,000	25,774,000
Accumulated deficit	(1,496,000)	(2,539,000)
Total shareholders' equity	25,706,000	23,480,000
Total liabilities and shareholders' equity	\$ 28,296,000	\$ 26,852,000

(1) The condensed consolidated balance sheet as of December 31, 2006 has been prepared using information from the audited financial statements at that date.

The accompanying notes are an integral part of these consolidated financial statements.

2

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**Alpha Pro Tech, Ltd.**

**Consolidated Income Statements (Unaudited)**

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	For the Three Months Ended		For the Six Months Ended	
	June 30, 2007	2006	June 30, 2007	2006
Net sales	\$ 9,149,000	\$ 9,879,000	\$ 18,193,000	\$ 17,850,000
Cost of goods sold, excluding depreciation and amortization	4,880,000	5,256,000	9,759,000	9,586,000
Gross margin	4,269,000	4,623,000	8,434,000	8,264,000
Expenses:				
Selling, general and administrative	3,385,000	2,719,000	6,608,000	5,214,000
Depreciation and amortization	119,000	112,000	234,000	223,000
Income from operations	765,000	1,792,000	1,592,000	2,827,000
Other income				
Equity in income (loss) of unconsolidated affiliates	41,000	(10,000 )	66,000	(20,000 )
Interest, net	13,000	6,000	29,000	11,000
Income before provision for income taxes	819,000	1,788,000	1,687,000	2,818,000
Provision for income taxes	312,000	662,000	644,000	1,043,000
Net income	\$ 507,000	\$ 1,126,000	\$ 1,043,000	\$ 1,775,000
Basic net income per share	\$ 0.02	\$ 0.05	\$ 0.04	\$ 0.07
Diluted net income per share	\$ 0.02	\$ 0.05	\$ 0.04	\$ 0.07
Basic weighted average shares outstanding	25,251,724	24,092,384	25,044,019	24,081,010
Diluted weighted average shares outstanding	25,819,663	24,987,217	25,624,061	25,012,983

The accompanying notes are an integral part of these consolidated financial statements.

**Alpha Pro Tech, Ltd.**

**Consolidated Statement of Shareholders' Equity (Unaudited)**



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	<b>Common Stock Shares</b>	<b>Amount</b>	<b>Additional Paid-in Capital</b>	<b>Accumulated Deficit</b>	<b>Total</b>
Balance at December 31, 2006	24,509,580	\$ 245,000	\$ 25,774,000	\$ (2,539,000 )	\$ 23,480,000
Share- based compensation expense			62,000		62,000
Options exercised	1,021,375	10,000	875,000		885,000
Options forfeited	50,000				
Income tax benefit from stock options exercised			236,000		236,000
Net income				1,043,000	1,043,000
Balance at June 30, 2007	25,580,955	\$ 255,000	\$ 26,947,000	\$ (1,496,000 )	\$ 25,706,000

The accompanying notes are an integral part of these consolidated financial statements

4

**Alpha Pro Tech, Ltd.**

**Consolidated Statements of Cash Flows (Unaudited)**

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	<b>For the Six Months Ended</b>	
	<b>June 30,</b>	
	<b>2007</b>	<b>2006</b>
<b>Cash Flows From Operating Activities:</b>		
Net income	\$ 1,043,000	\$ 1,775,000
Adjustments to reconcile net income to net cash used in operating activities:		
Share-based compensation expense	62,000	
Depreciation and amortization	234,000	223,000
Equity in (income) loss of unconsolidated affiliates	(66,000 )	20,000
Changes in assets and liabilities:		
Accounts receivable, net	674,000	(1,655,000 )
Inventories, net	(2,206,000 )	(711,000 )
Prepaid expenses and other current assets	(178,000 )	154,000
Accounts payable and accrued liabilities	(790,000 )	(739,000 )
Net cash used in operating activities:	(1,227,000 )	(933,000 )
<b>Cash Flows From Investing Activities:</b>		
Purchase of property and equipment	(94,000 )	(196,000 )
Purchase of intangible assets	(37,000 )	(34,000 )
Net cash used in investing activities	(131,000 )	(230,000 )
<b>Cash Flows From Financing Activities:</b>		
Income tax benefit from stock options exercised	236,000	
Proceeds from the exercise of stock options	885,000	349,000
Net cash provided by financing activities	1,121,000	349,000
Decrease in cash during the period	(237,000 )	(814,000 )
Cash and cash equivalents, beginning of period	1,837,000	1,163,000
Cash and cash equivalents, end of period	\$ 1,600,000	\$ 349,000

The accompanying notes are an integral part of these consolidated financial statements.

**Alpha Pro Tech, Ltd.**

**Notes to Consolidated Financial Statements (Unaudited)**

**1. The Company**

Alpha Pro Tech, Ltd. (Alpha ProTech, the Company) is in the business of protecting people, products and environments. The Company accomplishes this by developing, manufacturing and marketing a line of disposable protective apparel for the cleanroom, industrial and pharmaceutical markets, a line of infection control products for the medical and dental markets and a line of construction weatherization products. The disposable protective apparel consists of a complete line of shoecovers, bouffant caps, coveralls, gowns, frocks and lab coats. The infection control line of products includes a line of face masks and eye shields. The line of construction supply weatherization products consists of house wrap, synthetic roof underlayment and mold resistant framing sealant. The Company also manufactures and distributes a line of medical bed pads and accessories as well as a line of pet beds. The Company's products are sold both under the Alpha Pro Tech brand name as well as under private label and are predominantly sold in the United States of America.

**2. Basis of Presentation**

The interim financial information included herein is unaudited; however, the information reflects all adjustments (consisting of normal recurring adjustments) that are, in the opinion of management, necessary for the fair presentation of the consolidated financial position, results of operations and cash flows for the interim periods. The consolidated financial statements should be read in conjunction with the consolidated financial statements for the year ended December 31, 2006, which are included in the Company's Annual Report on Form 10-K for the year ended December 31, 2006 ( 2006 10-K ). The results of operations for the six months ended June 30, 2007 are not necessarily indicative of the results to be expected for the full year. The consolidated balance sheet at December 31, 2006 was extracted from the audited consolidated financial statements contained in the 2006 10-K and does not include all disclosures required by accounting principles generally accepted in the United States of America for annual consolidated financial statements.

**3. Stock Based Compensation**

The Company maintains two stock option plans under which the Company may grant incentive stock options and non-qualified stock options to employees and non-employee directors. Stock options have been granted with exercise prices at or above the fair market value on the date of grant. Options vest and expire according to terms established at the grant date.

The Company adopted Statement of Financial Accounting Standards No. 123R, Share-Based Payment ( SFAS 123R ) effective January 1, 2006, using the modified prospective application method. SFAS 123R requires companies to record compensation expense for the value of all outstanding and unvested share-based payments, including employee stock options and similar awards. During 2006, 490,000 stock options were granted under the option plan. During the first six months of 2007, there were no stock options granted under the option plan. The Company recognized \$62,000 in share-based compensation expense in its consolidated financial statements for the six months ended June 30, 2007 related to previously issued options.

Stock options to purchase 1,510,000 and 2,505,000 shares of common stock were outstanding at June 30, 2007 and 2006, respectively. Of these outstanding stock options, all of the options to purchase common stock at June 30, 2007 and 2006 were included in the computation of diluted earnings per share because the exercise prices of the stock options were less than the average share price of the Company's common stock and, therefore, the effect would have been dilutive.

**Alpha Pro Tech, Ltd.**



**Notes to Consolidated Financial Statements (Unaudited)**

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The Company used the Black-Scholes option pricing model to value the options. The table below presents the weighted average expected life in years. In March 2005, the Securities and Exchange Commission (the SEC) issued Staff Accounting Bulletin No. 107 (SAB 107) regarding the SEC's interpretation of SFAS 123R and the valuation of share-based payments for public companies. The Company applied the provisions of SAB 107 in its adoption of SFAS 123R. The Company used SAB 107's simplified method for estimating the expected life of the options. The risk-free interest rate for periods within the contractual life of the award is based on the US Treasury yield curve in effect at the time of grant. The expected volatility is based on historical volatility of the expected life in years.

The following table summarizes stock option activity during the six months ended June 30, 2007:

	Options	Weighted Average Exercise Price	Weighted Average Remaining Contractual Term (in years)	Aggregate Intrinsic Value
Options outstanding at December 31, 2006	2,581,000	\$ 1.21	2.77	\$ 4,100,000
Exercised	(1,021,000)	0.87		
Granted				
Forfeited or expired	(50,000)			
Options outstanding at June 30, 2007	1,510,000	\$ 1.42	3.71	\$ 1,981,000
Options exercisable at June 30, 2007	1,070,000	\$ 1.19	3.53	\$ 1,650,000

The intrinsic value is the amount by which the market value of the underlying common stock exceeds the exercise price of the respective stock option. The intrinsic value of stock options exercised during the six months ended June 30, 2007 was \$1,856,000.

As of June 30, 2007 \$293,000 of total unrecognized compensation cost related to stock options is expected to be recognized over a weighted average period of 2.20 years. Cash received from options exercised for the six months ended June 30, 2007 was \$885,000.

#### 4. New Accounting Standards

In September 2006, the SEC issued Staff Accounting Bulletin No. 108, Considering the Effects of Prior Year Misstatements when Quantifying Misstatements in Current Year Financial Statements (SAB 108). SAB 108 provides guidance on how prior year misstatements should be taken into consideration when quantifying misstatements in current year financial statements for purposes of determining whether the current year's financial statements are materially misstated. SAB 108 permits registrants to record the cumulative effect of initial adoption by recording the necessary correcting adjustments to the carrying values of assets and liabilities as of the beginning of that year with the offsetting adjustment recorded to the opening balance of retained earnings only if material under the dual method. SAB 108 is effective for fiscal years ending on or after November 15, 2006. The adoption of SAB 108 did not have a material impact on the Company's financial condition or results of operations.

The Financial Accounting Standards Board (FASB) issued FASB Interpretation No. 48, Accounting for Uncertainty in Income Taxes (FIN 48) in June 2006. The interpretation clarifies

**Alpha Pro Tech, Ltd.**

**Notes to Consolidated Financial Statements (Unaudited)**

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the accounting for uncertainty in income taxes recognized in the Company's financial statements in accordance with SFAS No. 109, Accounting for Income Taxes. On January 1, 2007, the Company adopted the provisions of FIN 48. The Company does not have any uncertain tax positions which require recognition under the criteria established by FIN 48. The amount of unrecognized tax benefits did not change during the six months ended June 30, 2007.

The Company and its subsidiaries file income tax returns in the U.S. federal jurisdiction, and various states and foreign jurisdictions. The Company is no longer subject to U.S. federal, state and local, income tax examination by tax authorities for years before 2002. The Company is not currently under examination in any of its jurisdictions in which it operates.

In September 2006, the FASB issued SFAS No. 157, Fair Value Measurements. SFAS No. 157 defines fair value, establishes a framework for measuring fair value in generally accepted accounting principles, and expands disclosures about fair value measurements. This statement addresses how to calculate fair value measurements required or permitted under other accounting pronouncements. Accordingly, this statement does not require any new fair value measurements. However, for some entities, the application of this statement will change current practice. SFAS No. 157 is effective for the Company beginning January 1, 2008. The Company is currently evaluating the impact of this standard.

In February 2007, the FASB issued SFAS No. 159, The Fair Value Option for Financial Assets and Financial Liabilities Including an amendment of FASB Statement No. 115. SFAS No. 159 permits entities to choose to measure many financial instruments and certain other items at fair value. The objective is to improve financial reporting by providing entities with the opportunity to mitigate volatility in reported earnings caused by measuring related assets and liabilities differently without having to apply complex hedge accounting provisions. This Statement is expected to expand the use of fair value measurement, which is consistent with the FASB's long-term measurement objectives for accounting for financial instruments. SFAS No. 159 is effective as of the beginning of an entity's first fiscal year that begins after November 15, 2007. The Company does not expect SFAS No. 159 to have a material impact on the Company's consolidated financial position, results of operations or cash flows.

### 5. Inventories

Inventories consist of the following:

	<b>June 30, 2007</b>	<b>December 31, 2006</b>
Raw materials	\$ 10,149,000	\$ 9,632,000
Work in process	384,000	182,000
Finished goods	4,698,000	3,217,000
	15,231,000	13,031,000
Less reserve for slow-moving, obsolete or unusable inventory	(312,000)	(318,000)
	\$ 14,919,000	\$ 12,713,000

**Alpha Pro Tech, Ltd.**

**Notes to Consolidated Financial Statements (Unaudited)**

## 6. Investment in and Advances to Unconsolidated Affiliates

On June 14, 2005, Alpha ProTech Engineered Products, Inc. entered into a joint venture with a manufacturer in India for the production of building products. Under terms of the joint venture agreement, a private company, Harmony Plastics Private Limited ( Harmony ), was created with ownership interests of 41.66% by Alpha ProTech Engineered Products, Inc. and 58.34% by Maple Industries and Associates. Alpha ProTech Engineered Products, Inc. contributed \$508,000 for share capital and Maple Industries and Associates contributed \$708,000.

This joint venture positions Alpha ProTech Engineered Products to respond to current and expected increased product demand for house wrap and synthetic roofing underlayment, and future capacity for sales of specialty roofing component products and custom products for industrial applications requiring high quality extrusion coated fabrics.

The capital from the initial funding along with a bank loan, which is guaranteed exclusively by Maple Industries and Associates and the assets of Harmony Plastics Private Limited, was utilized to purchase an existing 33,000 square foot manufacturing facility in India; this facility includes manufacturing equipment necessary to produce synthetic roof underlayment. Harmony has also built a new 60,000 square foot facility for the manufacturing of house wrap and other building products.

The Company is subject to the provisions of FIN 46 which defines the criteria by which the Company determines the proper accounting for its investments in related entities. Specifically, FIN 46 requires the Company to assess whether or not related entities are variable interest entities (VIEs), as defined. For those related entities that qualify as variable interest entities, FIN 46 requires the Company to determine whether or not the Company is the primary beneficiary of the VIE, and if so, to consolidate the VIE.

The Company has determined that Harmony is not a VIE and is therefore considered to be an unconsolidated affiliate.

The Company records its investment in Harmony as Equity investments in and advances to unconsolidated affiliates on the accompanying Consolidated Balance Sheets. The Company records its equity interest in Harmony's results of operations as Equity in income (loss) of unconsolidated affiliates on the accompanying Consolidated Income Statements.

The Company reviews its investment in Harmony for impairment in accordance with APB No. 18, The Equity Method of Accounting for Investments in Common Stock. APB No. 18 requires recognition of a loss when the decline in an investment is other-than-temporary. In determining whether the decline is other-than-temporary, the Company considers the nature of the industry in which Harmony operates, their historical performance, their performance in relation to their peers and the current economic environment.

Alpha ProTech Engineered Products initially invested \$1,450,000 in the joint venture; \$508,000 for share capital and \$942,000 as a long term advance. Fifty percent of the \$942,000 long term advance for materials is to be repaid over a six year term commencing in July 2006 and the balance is to be paid in the seventh year. During the third and fourth quarter of 2006, Harmony repaid \$39,000 in scheduled payments and \$461,000 in additional payments for a total of \$500,000, leaving a balance of \$442,000. Harmony did not make any further payments in the first or second quarter of 2007. Effective April 2006, interest of 3.5% is to be paid annually in January on this advance and \$19,000 was paid during the first quarter of 2007.

Harmony commenced operations in August of 2005. For the six months ended June 30, 2007 and 2006, Alpha ProTech Engineered Products purchased \$1,735,000 and \$3,618,000, respectively from Harmony. For the six months ended June 30, 2007, the Company recorded equity income in unconsolidated affiliates of \$66,000. For the six months ended June 30, 2006, the Company



**Alpha Pro Tech, Ltd.**

**Notes to Consolidated Financial Statements (Unaudited)**

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recorded an equity loss in unconsolidated affiliates of \$20,000. As of June 30, 2007, the Company's investment in Harmony is \$1,060,000 which comprises its original \$1,450,000 investment and cumulative equity in income of unconsolidated affiliates of \$110,000 less \$500,000 in repayments of the advance.

### 7. Accrued Liabilities

Accrued liabilities consist of the following:

	June 30, 2007	December 31, 2006
Payroll accrual	\$ 208,000	\$ 199,000
Commission and bonus accrual	362,000	986,000
Accrued professional fees	145,000	153,000
Accrued rebates and other	378,000	128,000
	\$ 1,093,000	\$ 1,466,000

### 8. Basic and Diluted Net Income Per Share

The following table provides a reconciliation of both net income and the number of shares used in the computation of basic earnings per share (EPS), which utilizes the weighted average number of shares outstanding without regard to potential shares, and diluted EPS, which includes all such dilutive shares:

	For the Three Months Ended		For the Six Months Ended June 30,	
	June 30, 2007	2006	2007	2006
Net income (Numerator)	\$ 507,000	\$ 1,126,000	\$ 1,043,000	\$ 1,775,000
Shares (Denominator):				
Basic weighted average shares outstanding	25,251,724	24,092,384	25,044,019	24,081,000
Add: Dilutive effect of stock options	567,939	894,833	580,042	931,973
Diluted weighted average shares outstanding	25,819,663	24,987,217	25,624,061	25,012,983
Net income per share:				
Basic	\$ 0.02	\$ 0.05	\$ 0.04	\$ 0.07
Diluted	\$ 0.02	\$ 0.05	\$ 0.04	\$ 0.07

**Alpha Pro Tech, Ltd.**

**Notes to Consolidated Financial Statements (Unaudited)**

## 9. Activity of Business Segments

The Company operates through four segments:

**Disposable Protective Apparel Products:** consisting of a line of disposable protective clothing such as shoecovers (including the Aqua Trak® and spunbond shoecovers), bouffant caps, coveralls, frocks, lab coats and hoods, for the pharmaceutical, cleanroom, industrial and medical markets.

**Infection Control Products:** consisting of a line of face masks and eye shields principally for the medical, dental and industrial markets.

**Extended Care Products:** consisting of a line of medical bed pads using Unreal Lambskin® (synthetic lambskin). The Unreal Lambskin® is used to produce medical bed pads, which prevent decubitus ulcers or bedsores on long term care patients. The Unreal Lambskin® is also used to manufacture bedrail pads, knee and elbow protectors, as well as wheelchair accessories. The Company also manufactures a line of pet beds and pet toy accessories with this material.

**Engineered Products:** consisting of a line of construction supply weatherization. The construction supply weatherization products consist of building wrap, synthetic roof underlayment and antimicrobial mold resistant framing sealant. Of note, the Company's equity in income (loss) of unconsolidated affiliates (Harmony) is included in the total segment income for Engineered Products in the table below.

The accounting policies of the segments are the same as those described previously under **Summary of Significant Accounting Policies** in the 2006 10-K. Segment data excludes charges allocated to head office and corporate sales/marketing departments and income taxes. The Company evaluates the performance of its segments and allocates resources to them based primarily on net sales.

The following table shows net sales for each segment for the three and six months ended June 30, 2007 and 2006:

	<b>For the Three Months Ended</b>		<b>For the Six Months Ended</b>	
	<b>June 30, 2007</b>	<b>2006</b>	<b>June 30, 2007</b>	<b>2006</b>
Disposable Protective Apparel	\$ 5,838,000	\$ 5,518,000	\$ 11,214,000	\$ 9,588,000
Infection Control	1,553,000	1,833,000	3,564,000	3,516,000
Engineered Products	1,530,000	2,210,000	2,846,000	3,992,000
Extended Care	228,000	318,000	569,000	754,000
Consolidated total net sales	\$ 9,149,000	\$ 9,879,000	\$ 18,193,000	\$ 17,850,000

**Alpha Pro Tech, Ltd.**

**Notes to Consolidated Financial Statements (Unaudited)**



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The following table shows the reconciliation of total segment income to total consolidated net income for the three and six months ended June 30, 2007 and 2006:

	For the Three Months Ended		For the Six Months Ended	
	June 30, 2007	2006	June 30, 2007	2006
Disposable Protective Apparel	\$ 2,119,000	\$ 2,083,000	\$ 3,987,000	\$ 3,453,000
Infection Control	665,000	895,000	1,511,000	1,688,000
Engineered Products	(111,000 )	290,000	(434,000 )	415,000
Extended Care	(15,000 )	25,000	(3,000 )	83,000
Total segment income	2,658,000	3,293,000	5,061,000	5,639,000
Unallocated corporate overhead expenses	(1,839,000 )	(1,505,000 )	(3,374,000 )	(2,821,000 )
Provision for income taxes	(312,000 )	(662,000 )	(644,000 )	(1,043,000 )
Consolidated net income	\$ 507,000	\$ 1,126,000	\$ 1,043,000	\$ 1,775,000

12

**Alpha Pro Tech, Ltd.**

**ITEM 2 MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS**

You should read the following discussion and analysis together with our consolidated financial statements and the notes to our consolidated financial statements, which appear elsewhere in this report.

**CAUTIONARY STATEMENTS REGARDING FORWARD-LOOKING INFORMATION**

This report on Form 10-Q contains forward-looking statements that are made pursuant to the safe-harbor provisions of the Private Securities Litigation Reform Act of 1995. Forward-looking statements include statements concerning plans, objectives, goals, strategies, future events, future revenues or performance, capital expenditures and other information that is not historical information. When used in this report, the words estimates, expects, anticipates, forecasts, plans, intends, believes and variations of such words or similar expressions are intended to identify forward-looking statements. Additional forward-looking statements may be made by us from time to time. All such subsequent forward-looking statements, whether written or oral and whether made by or on behalf of us, are also expressly qualified by these cautionary statements.

Our forward-looking statements are based upon our current expectations and various assumptions. Our expectations, beliefs and projections are expressed in good faith and we believe there is a reasonable basis for them, including without limitation, management's examination of historical operating trends, data contained in our records and other data available from third parties. However, we cannot assure you that management's expectations; beliefs and projections will result or be achieved or accomplished. Our forward-looking statements apply only as of the date made. Except as required by law, we undertake no obligation to publicly update or revise forward-looking statements which may be made to reflect events or circumstances after the date made or to reflect the occurrence of unanticipated events.

**Where to find more information about us.** We make available free of charge on our Internet website (<http://www.alphaprotech.com>) our most recent Annual Report on Form 10-K, our most recent Quarterly Report on Form 10-Q, any current reports on Form 8-K filed since our most recent Annual Report on Form 10-K and any amendments to such reports as soon as reasonably practicable following the electronic filing of such report with the SEC. In addition, we provide electronic or paper copies of our filings free of charge upon request.

**Critical Accounting Policies**

The preparation of our financial statements in conformity with accounting principles generally accepted in the United States of America requires us to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the dates of the financial statements and the reported amounts of net sales and expenses during the reported periods. We base estimates on past experience and on various other assumptions that are believed to be reasonable under the circumstances. The application of these accounting policies on a consistent basis enables us to provide timely and reliable financial information. Our critical accounting policies include the following:

**Inventories:** Inventories include freight-in, materials, labor and overhead costs and are stated at the lower of cost (computed on a standard cost basis, which approximates average cost) or market. Provision is made for slow-moving, obsolete or unusable inventory. We assess our inventory for estimated obsolescence or unmarketable inventory and, if necessary, write down the difference between the cost of inventory and the estimated market value based upon assumptions about future sales and supply on-hand. If actual market conditions are less favorable than those projected by management, additional inventory write-downs may be required.

### **Alpha Pro Tech, Ltd.**

**Revenue Recognition:** For sales transactions, we comply with the provisions of the SEC's Staff Accounting Bulletin (SAB) No. 104, Revenue Recognition, which states that revenue should be recognized when the following revenue recognition criteria are met: (1) persuasive evidence of an arrangement exists; (2) the product has been shipped and the customer takes ownership and assumes the risk of loss; (3) the selling price is fixed or determinable; and (4) collection of the resulting receivable is reasonably assured. These criteria are satisfied upon shipment of product and revenues are recognized accordingly.

Sales are reduced for any anticipated sales returns, rebates and allowances based on historical experience. Since our return policy is only 90 days and our products are not generally susceptible to external factors such as technological obsolescence or significant changes in demand, we are able to make a reasonable estimate for returns. We offer end-user product specific and sales volume rebates to select distributors. Our rebates are based on actual sales and accrued monthly.

**Stock Based Compensation:** We adopted Statement of Financial Accounting Standards No. 123R, Share-Based Payment (SFAS 123R) effective January 1, 2006, using the modified prospective application method. SFAS 123R requires companies to record compensation expense for the value of all outstanding and unvested share-based payments, including employee stock options and similar awards. During 2006, 490,000 stock options were granted under the option plan. No options were granted during the six months ended June 30, 2007. We recognized \$62,000 in share-based compensation expense in our consolidated financial statements for the six months ended June 30, 2007 related to previously issued options.

The fair values of stock option grants are determined using the Black-Scholes option pricing model and the following assumptions: expected stock price volatility based on historic and management's expectations of future volatility, risk-free interest rates from published sources, weighted average expected option lives based on historical data and no dividend yield, as management currently does not intend to pay dividends in the near future. The Black-Scholes option valuation model was developed for use in estimating the fair value of traded options that have no vesting restrictions and that are fully transferable. In addition, option valuation models require the input of highly subjective assumptions including expected stock price volatility. Our stock options have characteristics significantly different from those of traded options and changes in the subjective input assumptions can materially affect their fair value.

### **OVERVIEW**

Alpha Pro Tech is in the business of protecting people, products and environments. We accomplish this by developing, manufacturing and marketing a line of high-value disposable protective apparel and infection control products for the cleanroom, industrial, pharmaceutical, medical and dental markets. We also manufacture a line of construction weatherization products and a line of medical bed pads and accessories as well as a line of pet beds. Our products are sold both under the Alpha Pro Tech brand name as well as under private label.

Our products are classified into six groups: Disposable protective apparel, consisting of a line of shoecovers, bouffant caps, gowns, coveralls and lab coats; infection control products, consisting of a line of face masks and eye shields; extended care products, consisting of a line of medical bed pads, wheelchair covers, geriatric chair surfaces, operating room table surfaces and pediatric surfaces; a line of pet beds; and construction weatherization products, consisting of house wrap and synthetic roof underlayment.

Our products as classified above are grouped into four business segments. The Disposable Protective Apparel segment, consisting of disposable protective apparel; the Infection Control segment, consisting of

**Alpha Pro Tech, Ltd.**

face masks and eye shields; the Extended Care segment, consisting of extended care products, namely medical bed pads and pet beds; and the Engineered Products segment, consisting of construction weatherization products such as house wrap and synthetic roof underlayment.

Our target markets are pharmaceutical manufacturing, bio-pharmaceutical manufacturing and medical device manufacturing, lab animal research, high technology electronics manufacturing which includes the semi-conductor market, medical and dental distributors, pet stores and pet distributors and construction supply and roofing distributors.

Our products are used primarily in cleanrooms, industrial safety manufacturing environments, health care facilities such as hospitals, laboratories and dental offices, as well as construction supply sites. Our pet beds are used by pet owners and veterinarians. Our products are distributed principally in the United States through a network consisting of purchasing groups, national distributors, local distributors, independent sales representatives and our own sales and marketing force.

**RESULTS OF OPERATIONS**

**Three and six months ended June 30, 2007, compared to the three and six months ended June 30, 2006**

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The following table sets forth certain operational data as a percentage of sales for the periods indicated:

	For the Three Months Ended		For the Six Months Ended	
	June 30, 2007	2006	June 30, 2007	2006
Sales	100.0	100.0	100.0	100.0
	%	%	%	%
Gross profit	46.7	46.8	46.4	46.3
Selling, general and administrative	37.0	27.5	36.3	29.2
Income from operations	8.4	18.1	8.6	15.8
Income before provision for income taxes	9.0	18.1	9.3	15.8
Net income	5.5	11.4	5.7	9.9

**Sales.** Consolidated sales for the quarter ended June 30, 2007 decreased to \$9,149,000 from \$9,879,000 for the quarter ended June 30, 2006, representing a decrease of \$730,000 or 7.4%. We attribute the decrease to decreased Engineered Products segment sales of \$680,000, decreased Infection Control segment sales of \$280,000 and decreased sales from our Extended Care segment of \$90,000, partially offset by increased Disposable Protective Apparel segment sales of \$320,000

Sales for the Disposable Protective Apparel segment for the quarter ended June 30, 2007 increased by \$320,000 or 5.8% to \$5,838,000 compared to \$5,518,000 for the same period of 2006. The increase is primarily related to increased sales to cleanroom distributors other than our largest distributor. In September 2006, we announced the signing of a new distribution contract with our largest distributor in which they retained the exclusive right to sell our private label Critical Cover® products, but have also allowed us the right to sell Alpha Pro Tech branded products to other distributors. This will enable us to gain additional market share as we develop relationships with other industrial and cleanroom distributors.

**Alpha Pro Tech, Ltd.**

We are encouraged by the acceptance of our product line by our expanded distribution channel and expect continued growth in the coming quarters.

Infection Control segment sales for the quarter ended June 30, 2007 decreased by \$280,000 or 15.3% to \$1,553,000 compared to \$1,833,000 for the same period of 2006. Mask sales in this segment were down by \$312,000 and shield sales were up by \$32,000. Mask sales this quarter were down primarily due to lower sales of our N-95 NIOSH approved Respirator mask as recent concerns about Avian Flu have abated and were much stronger during the second quarter of 2006. Unless worldwide concerns about Avian Flu increase, we expect N-95 Respirator mask sales to be weaker in 2007 than in 2006.

Engineered Products segment sales for the quarter ended June 30, 2007 decreased by \$680,000 or 30.8% to \$1,530,000 compared to \$2,210,000 for the same period of 2006. The decrease is the result of a change in distribution channel strategy in which we decided to move forward on a non exclusive basis with our distributor, which led them to source product from other suppliers and to ultimately discontinue purchasing from us. The decrease is primarily due to a 50.5% decrease in sales of house wrap, partially offset by an 18.9% increase in sales of roof underlayment. The breakdown of the Engineered Products sales is as follows for the quarter ended June 30, 2007: 52% roof underlayment and 48% house wrap. Our marketing efforts are primarily focused on our REX Synfelt roof underlayment and we expect continued significant growth from this product line. Our house wrap sales should start to improve as we sign up new distributors and as our vendor agreement with ABC Supply Co. and its division, Amcraft Building Products starts to gain traction.

Sales from our Extended Care segment, which includes a line of medical bed pads as well as pet beds, decreased by \$90,000 or 28.3% to \$228,000 for the quarter ended June 30, 2007 from \$318,000 for the quarter ended June 30, 2006. The decrease in sales is primarily the result of lower medical bed pad sales. This line of products is not expected to be a growth segment for us.

Consolidated sales for the six months ended June 30, 2007 increased to \$18,193,000 from \$17,850,000 for the six months ended June 30, 2006, representing an increase of \$343,000 or 1.9%. We attribute the increase to increased Disposable Protective Apparel segment sales of \$1,626,000 and increased Infection Control segment sales of \$48,000, partially offset by decreased Engineered Products segment sales of \$1,146,000 and decreased sales from our Extended Care segment of \$185,000.

Sales for the Disposable Protective Apparel segment for the six month ended June 30, 2007 increased by \$1,626,000 or 17.0% to \$11,214,000 compared to \$9,588,000 for the same period of 2006. The increase is primarily related to increased sales to cleanroom distributors and partly due to increased sales of our largest distributor. We anticipate long-term growth from this segment.

Infection Control segment sales for the six months ended June 30, 2007 increased slightly by \$48,000 or 1.4% to \$3,564,000 compared to \$3,516,000 for the same period of 2006. Shield sales in this segment were up by \$620,000 and mask sales were down by \$572,000. Shield sales were strong primarily due to a large non-recurring order in the first quarter of 2007 and mask sales were down primarily due to lower sales of our N-95 NIOSH approved Respirator mask as concerns about Avian Flu have abated.

Engineered Products segment sales for the six months ended June 30, 2007 decreased by \$1,146,000 or 28.7% to \$2,846,000 compared to \$3,992,000 for the same period of 2006. As noted above, the decrease is the result of a change in distribution channel strategy in which we decided to move forward on a non exclusive basis with our distributor, which led them to source product from other suppliers and to ultimately discontinue purchasing from us. The decrease is primarily due to a 38.8% decrease in sales of house wrap, partially offset by a small increase of 1.4% in sales of roof underlayment. The breakdown of the Engineered Products segment is as follows for the six months ended June 30, 2007: 61% house wrap and 39% roof underlayment.

We believe that our new distribution channel strategy will significantly broaden our market opportunities for synthetic roof underlayment and house wrap. During 2007, we have increased our sales team, launched a marketing campaign to introduce our new synthetic roof underlayment under the name of



**Alpha Pro Tech, Ltd.**

REX Synfelt and launched our new house wrap under the name of REX Wrap . We also attended a number of trade shows and are very encouraged by the response to our product line. In the short term, due to this change in distribution channel strategy, we anticipate that our sales will likely continue to be affected as compared to 2006 but, we do anticipate significant growth in 2008.

Sales from our Extended Care segment, which includes a line of medical bed pads as well as pet beds, decreased by \$185,000 or 24.5% to \$569,000 for the six months ended June 30, 2007 from \$754,000 for the six months ended June 30, 2006. The decrease in sales is primarily the result of lower medical bed pad sales.

**Gross Profit** Gross profit decreased by 7.7% to \$4,269,000 for the quarter ended June 30, 2007 from \$4,623,000 for the same period in 2006. Gross profit margin was relatively flat at 46.7% for the quarter ended June 30, 2007 as compared to 46.8% for the same period in 2006. Gross profit margin was also relatively flat at 46.4% for the six months ended June 30, 2007 from 46.3% for the same period in 2006.

Gross profit margin on the Engineered Products segment improved in the second quarter of 2007 and for the six months ended June 30, 2007 as compared to the same periods of 2006. Although the gross profit margin in the Engineered Products segment is lower than the overall company margin, we expect it to continue to improve.

**Selling, General and Administrative Expenses.** Selling, general and administrative expenses increased by \$666,000 or 24.5% to \$3,385,000 for the quarter ended June 30, 2007 from \$2,719,000 for the quarter ended June 30, 2006. This increase is primarily due to increased expenses for Engineered Products and a severance agreement.

The biggest increase in selling, general and administrative expenses is primarily related to increased Engineered Products expenses of \$359,000. This can be broken down as follows: a \$93,000 increase in employee compensation, a \$41,000 increase in marketing expenses in relation to the launch our new line of synthetic roof underlayment and house wrap under the names REX SynFelt and REX Wrap , a \$47,000 increase in tradeshow expenses, an increase of \$29,000 in advertising in relation to REX SynFelt , a \$27,000 increase in commission for independent sales reps, a \$19,000 increase in business taxes, a \$11,000 increase in travel costs primarily related to our increased sales team, a \$7,000 increase in research and development expenses, a \$17,000 increase in insurance, a \$17,000 increase in sample expense, an \$8,000 increase in professional fees and a \$43,000 increase in miscellaneous expenses.

The other increase in selling, general and administrative expenses is a \$320,000 severance agreement for our previous Senior VP of Manufacturing in April 2007. This position was filled by Danny Montgomery who has taken on this responsibility in addition to his roll as Senior VP of Engineered products.

Included in this filing are references to certain financial performance measures excluding the effect of the aforementioned severance agreement. These are noted to be non-GAAP measures which are provided in order to represent how the Board of Directors and management analyze the operating results for the period when comparing it to prior periods. These measures are not intended to be a substitute for the corresponding GAAP measures in determining our operating performance in accordance with generally accepted accounting principles. The only reconciling item noted between these measures and those calculated under GAAP is the exclusion of the aforementioned severance transaction.

Excluding the severance agreement, expenses in the second quarter of 2007 were \$3,065,000 an increase of \$346,000 or 12.3% compared to the same quarter of 2006, and a decrease of \$158,000 or 4.9% from the first quarter of 2007.

As a percentage of net sales, selling, general and administrative expenses increased to 37.0% for the quarter ended June 30, 2007 from 27.5% for the same period in 2006. Excluding the severance agreement, selling, general and administrative expenses increased to 33.5% for the quarter ended June 30, 2007 from 27.5% for the same period in 2006. We believe that we have built the infrastructure

**Alpha Pro Tech, Ltd.**

required to substantially grow our business and as our revenue grows in the coming year our expenses are expected to decrease as a percentage of sales.

Selling, general and administrative expenses increased by \$1,394,000 or 26.7% to \$6,602,000 for the six months ended June 30, 2007 from \$5,214,000 for the six months ended June 30, 2006. The increase in selling, general and administrative expenses primarily consists of increased Engineered Products expenses of \$746,000, a severance agreement of \$320,000, increased payroll costs of \$147,000, increased travel costs of \$110,000 and increased professional fees of \$52,000. As a percentage of net sales, selling, general and administrative expenses increased to 36.3% for the six months ended June 30, 2007 from 29.2% for the same period in 2006.

Excluding the severance agreement, expenses for the six months ended June 30, 2007 were \$6,288,000 an increase of \$1,074,000 or 20.6% compared to the same period of 2006. Excluding the severance agreement, selling, general and administrative expenses increased to 34.6%, as a percentage of net sales, for the six months ended June 30, 2007 from 29.2% for the same period in 2006

The chief executive officer and president are each entitled to a bonus equal to 5% of the pre-tax profits of the Company. Bonuses of \$92,000 were accrued for the quarter ended June 30, 2007 as compared to \$199,000 in the same period of 2006. Total bonuses of \$188,000 were accrued for the six months ended June 30, 2007 as compared to \$313,000 in the same period of 2006.

**Income from Operations.** Income from operations decreased by \$1,027,000 or 57.3%, to \$765,000 for the quarter ended June 30, 2007 as compared to income from operations of \$1,792,000 for the quarter ended June 30, 2006. The decrease in income from operations is due to a decrease in gross profit of \$354,000 and an increase in selling, general and administrative expenses of \$666,000.

Income from operations decreased by \$1,235,000 or 43.7%, to \$1,598,000 for the six months ended June 30, 2007 as compared to income from operations of \$2,827,000 for the six months ended June 30, 2006. The decrease in income from operations is due to an increase in selling, general and administrative expenses of \$1,394,000, partially offset by a decrease in gross profit of \$170,000.

**Equity in income (loss) of unconsolidated affiliates.** On June 14, 2005 Alpha ProTech Engineered Products, Inc. entered into a joint venture with a manufacturer in India for the production of building products. Under terms of the joint venture agreement, a private company, Harmony Plastics Private Limited (Harmony), was created with ownership interests of 41.66% by Alpha ProTech Engineered Products, Inc. and 58.34% by Maple Industries and Associates. Alpha ProTech Engineered Products invested \$1,450,000 in the joint venture; \$508,000 for share capital and \$942,000 in a long term advance. Effective April 2006, interest of 3.5% is paid on this advance. Contractually, half of this \$942,000 advance is to be repaid monthly over a six year term which commenced in July 2006 with the balance to be paid in the seventh year. However, we expect that this advance will be paid in advance of the contractual term as Harmony paid \$500,000 towards the advance in the second half of 2006.

We are subject to the provisions of FASB Interpretation ( FIN ) No. 46, Consolidation of Variable Interest Entities an interpretation of ARB No. 51, which redefines the criteria by which we determine the proper accounting for our investments in related entities. Specifically, FIN 46 requires us to assess whether or not related entities are variable interest entities ( VIE s ), as defined. For those related entities that qualify as variable interest entities, FIN 46 requires us to determine whether or not we are the primary beneficiary of the VIE, and if so, to consolidate the VIE. We have determined that Harmony is not a VIE and is therefore considered to be an unconsolidated affiliate.

Harmony commenced operations in August of 2005. For the quarter ended June 30, 2007, we recorded equity in income of unconsolidated affiliates of \$41,000 as compared to equity in loss of unconsolidated affiliates of \$10,000 for the same period of 2006. For the six months ended June 30, 2007, we recorded equity in income of unconsolidated affiliates of \$66,000 as compared to equity in loss of unconsolidated affiliates of \$20,000 for the same period of 2006.

**Alpha Pro Tech, Ltd.**

**Income before Provision for Income Taxes.** Income before provision for income taxes for the quarter ended June 30, 2007 was \$819,000 compared to \$1,788,000 for the quarter ended June 30, 2006, representing a decrease of \$969,000 or 54.2%. The decrease in income before provision for income taxes is due primarily to a decrease in income from operations of \$1,027,000, partially offset by a net change of \$51,000 from our unconsolidated affiliate (Harmony).

Income before provision for income taxes for the six months ended June 30, 2007 was \$1,687,000 compared to \$2,818,000 for the six months ended June 30, 2006, representing a decrease of \$1,131,000 or 40.2%. The decrease in income before provision for income taxes is due primarily to a decrease in income from operations of \$1,235,000, partially offset by a net change of \$86,000 from our unconsolidated affiliate (Harmony).

Based on the segment analysis, a primary reason for the decline in income before provision for income tax was due to a net decrease of \$849,000 in income before provision for income taxes for the Engineered Products segment. This segment experienced a loss of \$434,000 for the six months ended June 30, 2007 as compared to income of \$415,000 for the same quarter of 2006.

**Provision for Income Taxes** The provision for income taxes for the quarter ended June 30, 2007 was \$312,000 compared to \$662,000 for the quarter ended June 30, 2006. The decrease in income taxes is due to lower income before provision for income taxes in 2007. The effective tax rate was 38.1% for the quarter ended June 30, 2007 and was 37.0% for the same quarter of 2006.

The provision for income taxes for the six months ended June 30, 2007 was \$644,000 compared to \$1,043,000 for the six months ended June 30, 2006. The decrease in income taxes is due to lower income before provision for income taxes in 2007. The effective tax rate was 38.2% for the six months ended June 30, 2007 and was 37.0% for the same period of 2006.

**Net Income.** Net income for the quarter ended June 30, 2007 was \$507,000 compared to net income of \$1,126,000 for the quarter ended June 30, 2006, a decrease of \$619,000 or 55.0%. The net income decrease was primarily due to a decrease in income before provision for income taxes of \$969,000, partially offset by a decrease in income taxes of \$350,000. Net income as a percentage of sales for the quarters ended June 30, 2007 and 2006 was 5.5% and 11.4% respectively. Basic and diluted income per share for the quarters ended June 30, 2007 and 2006 was \$0.02 and \$0.05, respectively.

Excluding the severance agreement, net income for the quarter ended June 30, 2007 would be \$685,000 compared to net income of \$1,126,000 for the quarter ended June 30, 2006, a decrease of \$441,000 or 39.2%. Basic and diluted income per share for the quarters ended June 30, 2007 and 2006 would be \$0.03 and \$0.05, respectively.

Net income for the six months ended June 30, 2007 was \$1,043,000 compared to net income of \$1,775,000 for the six months ended June 30, 2006, a decrease of \$732,000 or 41.2%. The net income decrease was primarily due to a decrease in income before provision for income taxes of \$1,131,000, partially offset by a decrease in income taxes of \$399,000. Net income as a percentage of sales for the quarter ended June 30, 2007 and 2006 was 5.7% and 9.9% respectively. Basic and diluted income per share for the quarter ended June 30, 2007 and 2006 was \$0.04 and \$0.07, respectively.

Excluding the severance agreement, net income for the six months ended June 30, 2007 would be \$1,221,000 compared to net income of \$1,775,000 for the six months ended June 30, 2006, a decrease of \$554,000 or 31.2%. Basic and diluted income per share for the quarter ended June 30, 2007 and 2006 would be \$0.05 and \$0.07, respectively.

**Alpha Pro Tech, Ltd.**

**LIQUIDITY AND CAPITAL RESOURCES**

As of June 30, 2007, we had cash and cash equivalents of \$1,600,000 and working capital of \$21,915,000, an increase in working capital of 11.7% or \$2,297,000 since December 31, 2006. As of June 30, 2007, our current ratio was 12.64:1 as compared to 8.32:1 as of December 31, 2006. Cash decreased by \$237,000 to \$1,600,000 as of June 30, 2007 as compared to \$1,837,000 as of December 31, 2006. The decrease in cash is due to cash used in operating activities of \$1,227,000, the purchase of property and equipment of \$94,000 and the purchases of intangible assets of \$37,000, partially offset by cash proceeds of \$885,000 from the exercise of stock options and income tax benefit from stock options exercised of \$236,000.

We have a \$3,500,000 credit facility with a bank, consisting of a line of credit with interest at prime plus 0.5%. At June 30, 2007, the prime interest rate was 8.25%. The line of credit was renewed in May 2007 and expires in May 2009 and we intend to renew it. Our borrowing capacity on the line of credit was \$3,500,000 at June 30, 2007. The available line of credit is based on a formula of eligible accounts receivable and inventories. As of June 30, 2007, we had not borrowed on this line of credit. As of June 30, 2007, we did not have any debt.

Net cash used in operating activities was \$1,227,000 for the six months ended June 30, 2007 compared to \$933,000 net cash used in operating activities for the six months ended June 30, 2006. The net cash used in operating activities of \$1,227,000 for the six months ended June 30, 2007 is due to net income of \$1,043,000, adjusted by the following: an increase in inventory of \$2,206,000, a decrease in accounts receivable of \$674,000, an increase in prepaid expenses of \$178,000, a decrease in accounts payable and accrued liabilities of \$790,000, equity in income of unconsolidated affiliates of \$66,000, \$62,000 in amortization of share-based compensation, and depreciation and amortization of \$234,000.

Accounts receivable decreased by \$674,000 or 11.0% to \$5,483,000 as of June 30, 2007 from \$6,157,000 as of December 31, 2006. This decrease is primarily due to decreased sales in second quarter of 2007 as compared to the fourth quarter of 2006. The number of days of sales outstanding was 55 days as of June 30, 2007 and 54 days as of December 31, 2006.

Inventory increased by \$2,206,000 or 17.4% to \$14,919,000 as of June 30, 2007 from \$12,713,000 as of December 31, 2006. The increase in inventory as of June 30, 2007 compared to March 31, 2007 was \$139,000 or 0.9%. In order to support increased sales within the Disposable Protective Apparel segment, inventory in that segment increased by \$1.6 million for the quarter. As of June 30, 2007, the Engineered Products segment inventory was \$7,552,000, up marginally by \$82,000 as compared to March 31, 2007 and up \$705,000 since December 31, 2006.

Prepaid expenses and other current assets increased by \$178,000 to \$1,373,000 as of June 30, 2007 from \$1,195,000 as of December 31, 2006. The increase of \$178,000 is due to, an increase in prepaid inventory from China of \$194,000, an increase in prepaid tax payments of \$87,000, partially offset by a decrease in prepaid expenses for Engineered Products of \$44,000, a decrease in general prepaid expenses of \$44,000 and a decrease of \$15,000 in marketing expenses.

Accounts payable and accrued liabilities as of June 30, 2007 decreased by \$790,000 or 29.5% to \$1,889,000 from \$2,679,000, as of December 31, 2006. The net change in 2007 was due primarily to a decrease in accrued commission/bonus payable of \$624,000 and a decrease in trade payables of \$417,000, partially offset by an increase in accrued rebates of \$250,000.

Net cash used in investing activities was \$131,000 and \$230,000 for the six months ended June 30, 2007 and 2006, respectively. Our investing activity in 2007 consisted primarily of expenditures for property and equipment of \$94,000 and the purchase of intangible assets of \$37,000. This compared to expenditures for property and equipment of \$196,000 and the purchases of intangible assets of \$34,000 during the six months ended June 30, 2006.

**Alpha Pro Tech, Ltd.**

For the six months ended June 30, 2007, net cash provided by financing activities was \$1,121,000 compared to cash provided by financing activities of \$349,000 for the same period of 2006. Our financing activities in 2007 consisted of cash proceeds of \$885,000 from the exercise of 1,021,000 stock options and an income tax benefit from stock options exercised of \$236,000. Our financing activities in 2006 consisted of cash proceeds of \$349,000 from the exercise of 308,000 stock options.

In August 2004, our Board of Directors approved the buy-back of up to an additional \$500,000 of our outstanding common stock. This share repurchase program is the sixth \$500,000 buyback authorized by the Board of Directors. In all instances, we are retiring the shares. For the six months ended June 30, 2007, we did not buy back any shares of common stock. As of June 30, 2007, we have bought back a total of 2,333,800 shares of common stock at a cost of \$2,518,000 since the end of 1999.

As shown below, at June 30, 2007, our contractual cash obligations totaled approximately \$1,460,000.

**Contractual Obligations**

	Payments Due by Period				
	Total	1 Year	2-3 Years	4-5 Years	After 5 years
Operating leases	\$ 1,460,000	\$ 345,000	\$ 996,000	\$ 119,000	
Total contractual cash obligations	\$ 1,460,000	\$ 345,000	\$ 996,000	\$ 119,000	

We believe that cash generated from operations, our current cash balance and the funds available under our credit facility will be sufficient to satisfy our projected working capital and planned capital expenditures for the foreseeable future.

**New Accounting Standards**

Based on our review of new accounting standards released during the quarter ended June 30, 2007, we did not identify any standards requiring adoption that would have a significant impact on our consolidated financial statements.

The Financial Accounting Standards Board ( FASB ) issued FASB Interpretation No. 48, Accounting for Uncertainty in Income Taxes ( FIN 48 ) in June 2006. The interpretation clarifies the accounting for uncertainty in income taxes recognized in the Company's financial statements in accordance with SFAS No. 109, Accounting for Income Taxes. On January 1, 2007, the Company adopted the provisions of FIN 48. The Company does not have any uncertain tax positions which require recognition under the criteria established by FIN 48. The amount of unrecognized tax benefits did not change during the six months ended June 30, 2007.

The Company and its subsidiaries file income tax returns in the U.S. federal jurisdiction, and various states and foreign jurisdictions. The Company is no longer subject to U.S. federal, state and local, income tax examination by tax authorities for years before 2002. The Company is not currently under examination in any of its jurisdictions in which it operates.

Alpha Pro Tech, Ltd.

Item 3. **Quantitative and Qualitative Disclosures About Market Risk**

We subcontract the manufacture of products in China and Mexico and have a joint venture in India. Our results of operations could be negatively affected by factors such as changes in foreign currency exchange rates due to stronger economic conditions in those countries.

We do not expect any significant effect on our results of operations from inflationary or interest and currency rate fluctuations. We do not hedge our interest rate or foreign exchange risks.

## **ITEM 4. CONTROLS AND PROCEDURES**

Disclosure Controls and Procedures

Our chief executive officer and chief financial officer, after evaluating the effectiveness of our disclosure controls and procedures as of June 30, 2007, have concluded that our disclosure controls and procedures were designed to ensure that information required to be disclosed by us in the reports that we file or submit under the Securities Exchange Act of 1934 is recorded, processed, summarized and reported, within the time periods specified in the SEC's rules and forms. Disclosure controls and procedures include, without limitation, controls and procedures designed to ensure that information required to be disclosed by us in the reports that we file or submit under the Act is accumulated and communicated to our management, including our chief executive and chief financial officers as appropriate to allow timely decisions regarding required disclosure.

Changes in Internal Control Over Financial Reporting.

There has been no change in our internal control over financial reporting (as defined in Rules 13a-15(f) and 15d-15(f) under the Exchange Act) that occurred during our fiscal quarter ended June 30, 2007, that has materially affected, or is reasonably likely to materially affect, our internal control over financial reporting.

22

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Alpha Pro Tech, Ltd.

PART II OTHER INFORMATION

Item 5 **Submission of Matters to a Vote of Security Holders**

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(a) Registrant held its Annual Meeting of Shareholders June 4, 2007.

(b) The following persons were elected Directors pursuant to the votes indicated:

Name	For	Withheld
Sheldon Hoffman	20,743,485	1,016,362
Alexander Millar	20,692,485	1,067,362
Danny Montgomery	21,045,145	714,702
Robert Isaly	21,081,610	678,237
John Ritota	21,086,325	673,522
Russell Manock	21,221,765	538,082
David Anderson	21,173,225	586,622

(c) The only other matter to be voted upon was the ratification of the appointment of PricewaterhouseCoopers LLP as the Registrant's independent registered public accountants as follows:

For	Against	Abstain
21,718,072	34,659	7,116

**Alpha Pro Tech, Ltd.**

**ITEM 6 EXHIBITS AND REPORTS ON FORM 8-K**

(a) Exhibits

31.1 Certification Pursuant to Rule 13a-14(b) and Rule 15d-14(b) of the Exchange Act, Signed by Chief Executive Officer (filed herewith)

31.2 Certification Pursuant to Rule 13a-14(b) and Rule 15d-14(b) of the Exchange Act, Signed by Chief Financial Officer (filed herewith)

32.1 Certification Pursuant to 18 U.S.C Section 1350, as Adopted Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, Signed by Chief Executive Officer (filed herewith)

32.2 Certification Pursuant to 18 U.S.C Section 1350, as Adopted Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, Signed by Chief Financial Officer (filed herewith)

(b) Reports on Form 8-K

A Form 8-K was filed during the quarter covered by this report, reporting the issuance of a release dated April 16, 2007 announcing the termination of Donald Bennett Jr. from his position of Sr. VP Manufacturing and his resignation from the Board of Directors effective April 16, 2007

A Form 8-K was filed during the quarter covered by this report, reporting the issuance of a release dated May 9, 2007 announcing its financial results for the first quarter ended March 31, 2007.

A Form 8-K was filed during the quarter covered by this report, reporting the issuance of a release dated May 24, 2007 announcing the Cool Products Award form PCBC.

A Form 8-K was filed during the quarter covered by this report, reporting the issuance of a release dated May 29, announcing the signing of a new distribution agreement with ABC Supply Co.

**SIGNATURES**

Pursuant to the requirements of Section 13 or 15 (d) of the Securities Exchange Act of 1934, the Registrant has fully caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

**ALPHA PRO TECH, LTD.**

DATE: **August 14, 2007**

BY: **/s/Sheldon Hoffman**

Sheldon Hoffman  
Chief Executive Officer and Director

DATE: **August 14, 2007**

BY: **/s/Lloyd Hoffman**

Lloyd Hoffman  
Chief Financial Officer