CIVE 682: Construction Business Management
Homework 1- Solution

## 1. Financial Statement Problecm



## CIVE 682: Construction Business Management



Balance Sheet
August 31, 2000

| Assets |  | Liabilities and Owners Equity |  |
| :---: | :---: | :---: | :---: |
| Cash | 24,800\$0.00 | Account Payable | 91,18000 |
| Account Receivable | 169,000 | Notes Payable | $3000 \$ 0.00$ |
| Inventory | 141000 | Prepaid Service | 9250 \$00000 |
| Equipment | 54,200 | Total Liabillies | 10325080.00 |
| Prepaid Expenses | 19, $000 \$ 0.00$ | Owner's Equity | 1771758000 |
| Total Assets | $88,000$ | Total Liab. \& O.E. | 2819000 |

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## 2. Other Financial Statement Problems

Problems 1, 5 and 7 on pg. 77-79 of your textbook
$\rightarrow$ Problem 1: The solutions are as follows:
Invoice A:


Invoice B:


Invoice C:


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Invoice D:

| BALANCE SHEET |  |  | INCOME STATEMENT |  |
| :---: | :---: | :---: | :---: | :---: |
| ASSETS | LIABILITIES |  |  |  |$l$| EXPENSES |
| :---: | REVENUES

Invoice E:


Invoice F:


Invoice G:


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Total:


## $\rightarrow$ Problem 5: The solutions are as follows:

The $\$ 118,268$ needs to be moved from accounts receivable-retention to accounts receivable-trade and has been previously recognized as income; therefore, it should not be included as income.

| BALANCE SHEET |  | INCOME STATEMENT |  | JOB COST |
| :---: | :---: | :---: | :---: | :---: |
| ASSETS | LIABILITIES | EXPENSES | REVENUES | REVENUE |
| 120 Accounts Receivable Trade 368,264.00 |  |  | $\begin{aligned} & \text { 500 Revenue } \\ & 249,996.00 \end{aligned}$ | $\begin{aligned} & 313 \text { Revenue } \\ & \longrightarrow 249,996.00 \end{aligned}$ |
|  | EQUITY |  |  |  |
|  | 430 Current Period Net Income 249,996.00 | $\begin{array}{r} \text { PROFIT } \\ \hline 249,996.00 \end{array}$ |  |  |
| 249,996.00 = | 249,996.00 | 249,996.00 = | 249,996.00 |  |

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## $\rightarrow$ Problem 7: The solutions are as follows:

The construction equipment account will see an increase of $\$ 115,200$ as a result of the purchase of the new loader and a decrease of $\$ 95,000$ as a result of the sale of the old loader for a net change of $\$ 20,200$. The existing loader had a book value of $\$ 11,770$ ( $\$ 95,000-$ $\$ 83,230)$; therefore, a gain of $\$ 3,430(\$ 15,200-\$ 11,770)$ was realized on the disposal of the loader.


The Less Acc. Depreciation is a contra account is subtracted from the total of the assets.

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## 3. End of Period Closing-Worksheet Problem



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NCOME STATEMENT
for the period ending july 3t, 2003

| Contracl Revenues | \$724,000,00 |
| :---: | :---: |
| Contracl Cost | \$456,000.00 |
| Gross Prolit | \$268,000.00 |
| G\&A Expenses | \$148,000,00 |
| Income from operallons | \$120,000,00 |
| Other Income | \$47,000,00 |
| theome belore taxes | \$187,000,00 |
| Provision for Income Taxes | 66,800 |
| Net Income | \$100,200,00 |
| Relained Income, begining of the month | \$335,000,00 |
|  | \$435,200.00 |
| Less Dividends | \$18,000,00 |
| Retelned Income, end of the month | \$417,200.00 |

