FORM 5

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

| OMB APPROVAL | | | | | |
|---------------------|-----------|--|--|--|--|
| OMB Number: | 3235-0362 | | | | |
| Estimated average b | ourden | | | | |
| hours per response. | 1.0 | | | | |

subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Form 3 Holdings Reported
Form 4 Transactions Reported

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

| Name and Address of Reporting Person Leimbach Richard J | 2. Issuer Name and Ticker or Trading Symbol TELKONET INC [TKO] | | | | | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner | | | | |
|-------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------------------------|------------|--------------------------------------------|--|--------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|---|-------------------------|--|
| (Last) (First) 20374 SENECA MEADOWS PA | | 3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year) 12/31/2006 | | | | X Officer (give title below) Other (specify below) Vice President Finance | | | | |
| (Street) GERMANTOWN, MD 20876 | 2 | 4. If Amendment, Date Original Filed(Month/Day/Year) | | | | | 6. Individual or Joint/Group Reporting (check applicable line) _X_Form Filed by One Reporting Person Form Filed by More than One Reporting Person | | | |
| (City) (State) | (Zip) | Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned | | | | | | | | |
| 1.Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | Execution Date, if | (Instr. 8) | (A) or Disposed of (D) (Instr. 3, 4 and 5) | | | (Instr. 3 and 4) | | Beneficial Ownership | |
| Common Stock par value \$0.001 | | | 3 | | | | 1,000 (1) | D | | |

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

Persons who respond to the collection of information contained in this form $\,$ SEC 2270 (9-02) are not required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

| 1. Title of | | | 3A. Deemed | | | | | | | | | 11. Nature | | |
|-------------|------------|------------------|--------------------|--------------|-------------------|-----|-------------|------------|------------------|--------------|---------|--------------------|-------------------|------------|
| | Conversion | | Execution Date, if | | | | | | | Derivative | | Ownership | | |
| | | (Month/Day/Year) | | | Derivativ | | (Month/Day | /Year) | , , | | - | | | Beneficial |
| (Instr. 3) | Price of | | (Month/Day/Year) | | Securitie | | | | | | | | Derivative | |
| | Derivative | | | | Acquired | i | | | (Instr. 3 and 4) | | | Beneficially | | (Instr. 4) |
| | Security | | | | (A) or | 1 6 | | | | | | | Direct (D) | |
| | | | | | Disposed | 101 | | | | | | End of Issuer's | or Indirect | |
| | | | | | (D) (Instr. 3, | 1 | | | | | | Fiscal Year | (1) (Instr. 4) | |
| | | | | | and 5) | ٠, | | | | | | (Instr. 4) | (111811.4) | |
| | | | | | una 5) | | | | | | | (Instr. 1) | | |
| | | | | | | | | | | Amount | | | | |
| | | | | | | | | Expiration | Title | or Number | | | | |
| | | | | | | | Exercisable | Date | Titic | of | | | | |
| | | | | | (A) | (D) | | | | Shares | | | | |
| Option | | | | | | | | | | | | | | |
| to | Φ 2.50 | 01/06/2004 | | 7 (3) | 27.500 | | <u>(4)</u> | 01/26/2014 | | 27.500 | A 2 50 | 27.500 | ъ | |
| purchase | \$ 2.59 | 01/26/2004 | | <u>J(3)</u> | 37,500 | | (4) | 01/26/2014 | Common | 37,500 | \$ 2.59 | 37,500 | D | |
| (2) | | | | | | | | | | | | | | |
| Option | | | | | | | | | | | | | | |
| to | | | | | | | | | | | | | | |
| purchase | \$ 5.08 | 01/01/2005 | | <u>J(3)</u> | 50,000 | | <u>(4)</u> | 01/01/2015 | Common | 50,000 | \$ 5.08 | 87,500 | D | |
| purchase | | | | | | | | | | | | | | |
| <u>(2)</u> | | | | | | | | | | | | | | |

Reporting Owners

| Reporting Owner Name / Address | | Relationships | | | | | |
|----------------------------------------------------------------------------|----------|---------------|------------------------|-------|--|--|--|
| Reporting Owner Name / Address | Director | 10% Owner | Officer | Other | | | |
| Leimbach Richard J 20374 SENECA MEADOWS PARKWAY GERMANTOWN, MD 20876 | | | Vice President Finance | | | | |

Signatures

| /s/ Richard J. Leimbach | 04/25/2007 |
|---------------------------------|------------|
| **Signature of Reporting Person | Date |

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) Shares beneficially owned as of June 30, 2006; the date of appointment as the Vice President of Finance (Principal Financial and Accounting Officer).
- (2) Stock options beneficially owned as of June 30, 2006; the date of appointment as the Vice President of Finance (Principal Financial and Accounting Officer).
- (3) Information on this line was supposed to be filed on Form 3.

(4) Options vest ratably on a quarterly basis over a five year period.

Note: File three copies of this Form, one of which must be manually signed. If space provided is insufficient, see Instruction 6 for procedure.

Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.