

NOVOSTE CORP /FL/

Form 3

October 25, 2004

FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL

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INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,
Section 17(a) of the Public Utility Holding Company Act of 1935 or Section
30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *

STEEL PARTNERS II LP

(Last) (First) (Middle)

590 MADISON AVENUE,
32ND FLOOR, A

(Street)

NEW YORK, A NY A 10022

(City) (State) (Zip)

2. Date of Event Requiring Statement

(Month/Day/Year)

10/19/2004

3. Issuer Name and Ticker or Trading Symbol
NOVOSTE CORP /FL/ [NOVT]

4. Relationship of Reporting Person(s) to Issuer

5. If Amendment, Date Original Filed(Month/Day/Year)

(Check all applicable)

____ Director ____X____ 10% Owner
____ Officer ____ Other
(give title below) (specify below)

6. Individual or Joint/Group Filing(Check Applicable Line)

____ Form filed by One Reporting Person

X Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Beneficially Owned1. Title of Security
(Instr. 4)2. Amount of Securities Beneficially Owned
(Instr. 4)3. Ownership Form:
Direct (D)
or Indirect (I)
(Instr. 5)4. Nature of Indirect Beneficial Ownership
(Instr. 5)

Common Stock, \$.01 par value

2,433,207

D (1) A

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

SEC 1473 (7-02)

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Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)1. Title of Derivative Security
(Instr. 4)2. Date Exercisable and Expiration Date
(Month/Day/Year)3. Title and Amount of Securities Underlying Derivative Security
(Instr. 4)

Title

4. Conversion or Exercise Price of Derivative Security

5. Ownership Form of Derivative Security:
Direct (D)6. Nature of Indirect Beneficial Ownership
(Instr. 5)

Date Exercisable	Expiration Date	Amount or Number of Shares	or Indirect (I) (Instr. 5)
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Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
STEEL PARTNERS II LP 590 MADISON AVENUE, 32ND FLOOR NEW YORK, NY 10022	^	^ X	^	^
LICHTENSTEIN WARREN G C/O STEEL PARTNERS II, L.P. 590 MADISON AVENUE, 32ND FLOOR NEW YORK, NY 10022	^	^ X	^	^
STEEL PARTNERS LLC C/O STEEL PARTNERS II, L.P. 590 MADISON AVENUE, 32ND FLOOR NEW YORK, NY 10022	^	^ X	^	^

Signatures

By: Steel Partners II, L.P., By: Steel Partners, L.L.C., General Partner, By: /s/ Warren G. Lichtenstein, Managing Member

10/25/2004

__Signature of Reporting Person

Date

/s/ Lichtenstein, Warren G.

10/25/2004

__Signature of Reporting Person

Date

By: Steel Partners, L.L.C., By: /s/ Warren G. Lichtenstein, Managing Member

10/25/2004

__Signature of Reporting Person

Date

Explanation of Responses:

* If the form is filed by more than one reporting person, *see* Instruction 5(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).

This Form 3 is filed jointly by Warren G. Lichtenstein, Steel Partners, L.L.C. ("Steel LLC") and Steel Partners II, L.P. ("Steel LP"). Mr. Lichtenstein and Steel LLC are deemed to be 10% owners of the Issuer and Steel LP is a 10% owner of the Issuer. The securities reported (1) in this Form 4 are owned directly by Steel LP, and owned indirectly by Steel LLC by virtue of it being the general partner of Steel LP and by Mr. Lichtenstein by virtue of his position as the sole executive officer and managing member of Steel LLC. Steel LLC and Mr. Lichtenstein disclaim beneficial ownership of the shares owned by Steel LP except to the extent of their pecuniary interest therein.

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

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