JANA PARTNERS LLC Form SC 13G October 27, 2004

> SECURITIES & EXCHANGE COMMISSION Washington, D.C. 20549

> > SCHEDULE 13G (Rule 13d-102)

INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT TO RULES 13d-1(b), (c) AND (d) AND AMENDMENTS THERETO FILED PURSUANT TO 13d-2(b)

> NOVOSTE CORPORATION (Name of Issuer)

Common Stock, Par Value \$0.01 per Share (Title of Class of Securities)

> 67010C100 (CUSIP Number)

October 19, 2004 (Date of event which requires filing of this statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- [] Rule 13d-1(b)
- [X] Rule 13d-1(c)
 [] Rule 13d-1(d)

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*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for purposes of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

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NAMES OF REPORTING PERSONS (1) I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)

	Ţ	JANA 1	PARTNERS LLC			
(2)	CHE	CK T	HE APPROPRIATE BOX IF A 1	MEMBER OF A GROUP **	(a) (b)	
(3)	SEC	USE	ONLY			
(4)	CIT		SHIP OR PLACE OF ORGANIZA LAWARE	ATION		
		(5)	SOLE VOTING POWER	1,327,698		
	ľ	(6)	SHARED VOTING POWER	-0-		
OWNED BY EACH		(7)	SOLE DISPOSITIVE POWER	1,327,698		
REPORTING						
PERSON WITH		(8)	SHARED DISPOSITIVE POWER	R -0-		
(9)			TE AMOUNT BENEFICIALLY ON REPORTING PERSON	WNED 1,327,698		
(10)	IN	ROW	OX IF THE AGGREGATE AMOUI (9) EXCLUDES CERTAIN SHAI			[]
(11)	PEF	RCENT	OF CLASS REPRESENTED NT IN ROW (9)	8.13%		
(12)	TYF	E OF	REPORTING PERSON **	со		
			** SEE INSTRUCTIONS BE	FORE FILLING OUT!		-

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Item 1(a). Name of Issuer:
NOVOSTE CORP /FL/

Item 1(b). Address of Issuer's Principal Executive Offices:
3890 Steve Reynolds Blvd.
Norcross, GA 30093

Item 2(a). Name of Person Filing: JANA Partners LLC

Item 2(b). Address of Principal Business Office or, if None, Residence:
201 Post Street, Suite 1000, San Francisco, CA 94108.

<pre>Item 2(c). Citizenship:</pre>
(i) This Statement is filed by JANA Partners LLC, a Delaware limited liability company. JANA Partners LLC is a private money management firm which holds the Common Stock of the Issuer in various accounts under its management and control. The principals of JANA Partners LLC, Barry Rosenstein and Gary Claar, are U.S. citizens.
Item 2(d). Title of Class of Securities:
Common Stock
Item 2(e). CUSIP Number:
67010C100
Item 3. If this statement is filed pursuant to Rules 13d-1(b) or 13d-2(b) or (c), check whether the person filing is a:
(a) [] Broker or dealer registered under Section 15 of the Act
(b) [] Bank as defined in Section 3(a)(6) of the Act,
(c) [] Insurance Company as defined in Section 3(a)(19) of the Act,
(d) [] Investment Company registered under Section 8 of the Investment Company Act of 1940,
(e) [] Investment Adviser in accordance with Rule 13d-1(b)(1)(ii)(E),
(f) [] Employee Benefit Plan or Endowment Fund in accordance with Rule 13d-1(b)(1)(ii)(F),
(g) [] Parent Holding Company or control person in accordance with Rule 13d-1(b)(1)(ii)(G),
(h) [] Savings Association as defined in Section 3(b) of the Federal Deposit Insurance Act,
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(i) [] Church Plan that is excluded from the definition of an investment company under Section 3(c)(14) of the Investment Company Act of 1940,
(j) [] Group, in accordance with Rule 13d-1(b)(1)(ii)(J).
If this statement is filed pursuant to 13d-1(c), check this box: [x]

Item 4. Ownership.

- (a) Amount beneficially owned: 1,327,698
- (b) Percent of class: 8.13%

- (c) Number of shares as to which such person has:
 - (i) Sole power to vote or direct the vote: 1,327,698
 - (ii) Shared power to vote or direct the vote: -0-
 - (iii) Sole power to dispose or direct the disposition: 1,327,698
 - (iv) Shared power to dispose or direct the disposition: -0-
- Item 5. Ownership of Five Percent or Less of a Class.

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following [].

Item 6. Ownership of More than Five Percent on Behalf of Another Person.

Not Applicable.

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company.

Not Applicable.

Item 8. Identification and Classification of Members of the Group.

Not Applicable.

Item 9. Notice of Dissolution of Group.

Not Applicable.

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Item 10. Certification.

Each of the Reporting Persons hereby makes the following certification:

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

DATED: October 27, 2004

JANA PARTNERS LLC

/s/ Barry Rosenstein Barry Rosenstein Managing Director

/s/ Gary Claar Gary Claar Managing Director