

CHICAGO BRIDGE & IRON CO N V  
 Form 4  
 March 18, 2005

**FORM 4**

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

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**STATEMENT OF CHANGES IN 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 \*  
**GLENN GERALD M**

(Last) (First) (Middle)

2103 RESEARCH FOREST DRIVE

(Street)

THE WOODLANDS, TX 77380

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
**CHICAGO BRIDGE & IRON CO N V [CBI]**

3. Date of Earliest Transaction (Month/Day/Year)  
 03/09/2005

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director  10% Owner  
 Officer (give title below)  Other (specify below)  
 President and CEO; Managing Di

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)
				Code V	Amount (A) or (D) Price		
Common Stock	03/09/2005			A	4,983 A \$ 46.13	38,612	D
Common Stock	03/09/2005			F	1,319 D \$ 46.13	37,291 <sup>(1)</sup>	D
Common Stock	12/31/2004 <sup>(2)</sup>			A	2 <sup>(2)</sup> A <sup>(2)</sup>	350	I By 401(k) Plan

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

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number.

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

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Price or Value of Underlying Securities (Instr. 3 and 4)
Stock Option (Right to Buy)	\$ 47.31	03/09/2005		A	1,993	(3) (3)	Common Stock	1,993

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
GLENN GERALD M 2103 RESEARCH FOREST DRIVE THE WOODLANDS, TX 77380			President and CEO; Managing Di	

## Signatures

Gerald M. Glenn 03/18/2005

\*\*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) Includes 1,062 shares acquired under the CB&I Employee Stock Purchase Plan.
- (2) During 2004 the reporting person acquired 2 shares of stock under the Chicago Bridge & Iron 401(k)Plan.
- (3) The option vests in seven years but may vest in three years if the reporting person has held continuously for three years.

Note: File three copies of this Form, one of which must be manually signed. If space 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.